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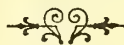


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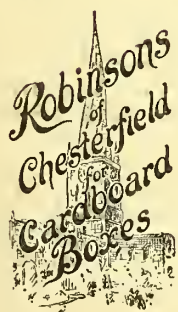
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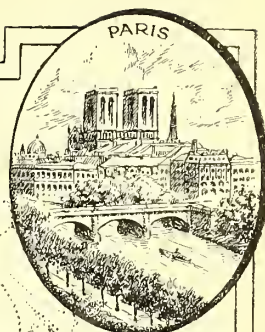
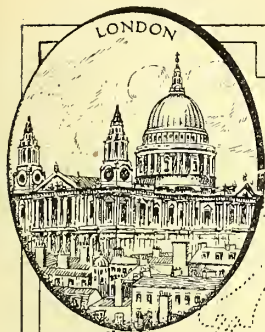
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AGENTS.—R. W. Greeff and Company,
Thames House, Queen Street Place,
LONDON, E.C.4.



PHARMACEUTICAL AND PHOTOGRAPHIC PRODUCTS.

*R. W. GREEFF & Co. offer at lowest prices
the following products:—*

(WHOLESALE QUANTITIES ONLY)

Acetanilid	Guaiacol Carbonate	Potash Sulpho-
Acetyl Salicylic Acid	Hexamine	Guaiacolate
Amidol	Homatropine	Quinidine and Salts
Amidopyrin	Hydroquinone	Quinine and Salts
Barbitone	Ichthylol Substitute	Quinoidine
Benzoic Acid	Kelene	Resorcin
Benzamine Hydrochlor	Lemon Oil	Saccharin
Benzamine Lactate	Lithia Carbonate	Salicylic Acid
Benzo Naphthol	Lecithin	Salicylate of Soda
Beta Naphthol	Menthol	Salol
Bromides	Mercurials	Soda Benzoate
Calcium Lactate	Methylene Blue Medicinal	Soda Hyposulphite
Chloral Hydrate	Methyl Salicylate	Soda Sulphite Anhydrous
Cinchonine and Salts	Metol	Sugar of Milk
Cinchonidine and Salts	Paraldehyde	Tannic Acid
Citric Acid	Peppermint Oil	Tannin Albuminate
Cocain	Pepsine	Tartaric Acid
Coumarin	Peptone	Terpineol
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Eucalyptus Oil	Phenazone	Theobromine
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R. W. Greeff & Co.

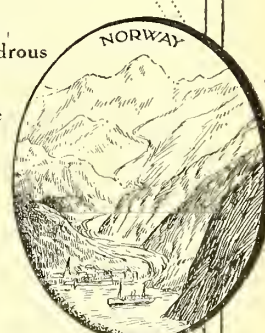
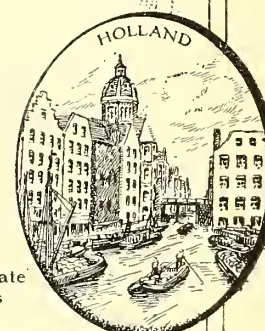
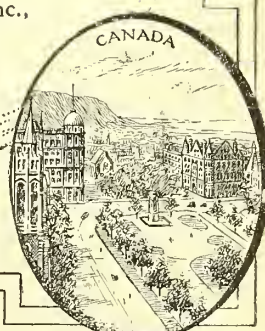
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Greeting and Good Wishes
to all our
Friends in the Drug Trade.

DIAMALT

(DIASTASIC MALT EXTRACT)

Plain, and in combination with 15% and 33% by weight of
COD LIVER OIL.

On the P.A.T.A.

Also MALT EXTRACT, plain, and in combination with
COD LIVER OIL. *In tins, jars, and bulk.*

The British DiaMalt Co., Bishop's Stortford.

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Telephone : London Wall 9020.
Telegrams : "Lonabarc, Ave, London."

5 FINSBURY SQUARE,
LONDON, E.C. 2.

LONABARC TRADING COMPANY

LIMITED

BEG ALL THEIR BUSINESS FRIENDS

TO ACCEPT THE

COMPLIMENTS OF THE SEASON

AND THE WISH THAT THE

COMING YEAR

MAY BE THE MOST SUCCESSFUL THEY HAVE EXPERIENCED.

PURE SPANISH ESSENTIAL OILS

Ucal's
Christmas Greeting
to British Pharmacists
everywhere :

**Two thousand of
your craft associated
in Ucal do greet you
and wish you well
this Christmastide.**

"A man is really alive," Goethe said,
"when he delights in the goodwill of
others." A profoundly seasonable senti-
ment, gentlemen—and one that would
gladden your hearts 365 days a year in Ucal.

There are seeds of good and justice in
the heart of man. If self interest is
predominant, I venture to say that this
is not only according to nature, but
also according to justice, provided that
nobody suffers by this self-esteem, or
that society loses less than it gains by it.

—*Vauvenargues.*



CHELTENHAM.

"FARRIS'S"

GENUINE WHITE BEESWAX.

PURE ENGLISH REFINED SPERMACETI.

WAXES of every known kind and for every purpose.

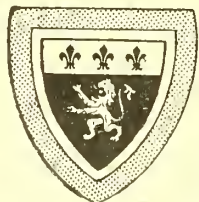
Celebrated for excellence and purity—nearly three quarters of a century.

Large Stocks for Immediate Delivery.

CHARLES FARRIS, 71 BISHOPSGATE, LONDON, E.C.

The only actual Manufacturing Wax Chandler in the City of London.

Works—HELMET COURT, BISHOPSGATE, E.C.



LYONS FAIR

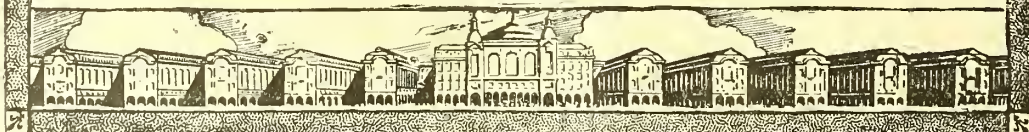
THE LYONS FAIR is to-day's greatest opportunity for trade expansion in every industry and with every market throughout the World. It is not an Exhibition, but a purely business gathering of progressive men and their customers.

The business propensities of the Lyons Fair are indicated by the fact that at the March, 1919, Fair, 4,700 exhibitors transacted business to the value of £40,000,000. Lay the foundation of a permanently expanding world-wide trade (buying and selling) by taking immediate steps to secure a Stand in Sections 11, 12 and 13 for Chemicals and Drugs.

SPRING FAIR **March 1 to 15, 1920**

AUTUMN FAIR **October 1 to 15, 1920**

For particulars apply to Mr. J. A. VICTOR, 31 (P) Budge Row, LONDON, E.C.4



Maw's Page

S. MAW, SON & SONS, LTD. 7 1/2, ALDERSGATE ST LONDON, E.C.1.

NUMBER 427
DEC. 20, 1919.



Just Imagine

I wish Conan Doyle would materialise the spirit of a Victorian great-aunt of mine. She looks so prim and proper in the photograph on the first page of our family portrait album that it would be a delight to see outraged expressions chase one another over her face supposing she were planted in the middle of a fashionable restaurant of to-day.

Just imagine how her eyes would dilate with horror and her mouth purse up into nothingness at the spectacle of one of our modern misses publicly powdering her nose!

She would voice her indignation I vow, but I doubt me if she could find any logical reason why my Lady should not use face powder to protect her skin from the vagaries of this terrible climate, or to take the gloss from the nose that simply will become shiny at the slightest provocation.

Anyway, face powder certainly is enjoying a tremendous vogue, and has done for a long time. One has only to turn to the advertisement sections of popular ladies' papers to realise that the manufacture of face-powder has become quite a considerable industry.

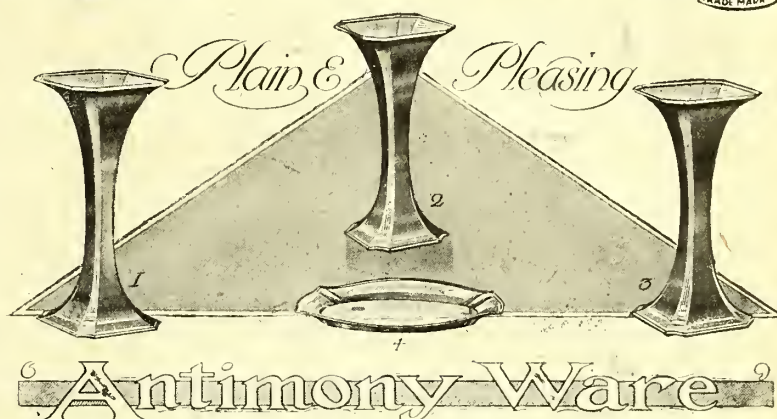
And, of course, the chemist comes in for a profitable slice of business in the distribution of this potent weapon of Beauty's armoury.

As in everything else, he should only handle the lines which are of proven high quality.

Face-powders can be made so effective, harmless and delicate of composition that there is no excuse whatever for supplying any but the best. And the modern miss (and madam too) is a very discriminating person in the choice of toilet preparations.

Are you familiar with the lines which the House of Maw offers? It is hardly necessary to tell you that they are selected from the many varieties on the market by the test of quality.

Discuss



TASTEFULLY designed articles are always pleasing to the eye. The same can be said of the two specimens of electro-plated Antimony Ware illustrated above. Our customers will no doubt find many uses for them both in the pharmacy and in the home.

The Vases are to be had in the following three sizes:—

5 in. high	...	...	...	...	6/- per pair
5 1/2 " "	...	...	...	...	6/9 " "
6 " "	...	...	...	...	7/6 " "

Each pair packed securely in wooden box.

Ash and Pin Trays, as illustrated, measuring 4 1/2 in. by 3 in.
Price 8/- per dozen.

Also one size only in the figured style, measuring 5 in. by 3 1/2 in.
Price 12/- per dozen.

Items:

Our famous "Cottage" Bronchitis Kettle has again been reduced in price:

3 pint	1/10 each or 20/- per doz.
4 " 2 1/4 "	25/- " "

One dozen assorted at the dozen rates.

The Enema of outstanding merit is the "Durbar." You can recommend it to your customers with every confidence. Every "Durbar" is put up complete with elastic gum vaginal pipe and leather shield. Attractively boxed, and may be supplied if desired without labels. Made in red rubber with

velvet finish, or black rubber with enamel finish. Price 30/- per dozen.

When ordering, please state whether red or black Enemas are desired.

Two-minute lens front Clinical Thermometers at the special low price of 27/6 per dozen, including metal case.

Each Thermometer is guaranteed, and has been passed by the National Physical Laboratory.

Aluminium Show Stand to take 1/2 dozen Thermometers, supplied free with orders of one dozen and over.

Maw's Vest Pocket Inhaler.—A small but quite efficient Inhaler for use with compound inhalants.

Each in strong cardboard tube. Price 4/- per dozen.

Display card supplied with all orders.



TELEPHONE: CITY 7 (PRIVATE BRANCH EXCHANGE)

TELEGRAMS: "ELEVEN, CENT, LONDON."

Maw's—The House of the Moment.

SAVE 3/- PER GALLON
BY BUYING
GUARANTEED GENUINE
NEWFOUNDLAND NON-FREEZING
MEDICINAL COD LIVER OIL
OF NEW SEASON'S MAKE.

Highest possible quality in smell, taste and colour, comparing most favourably with the finest Norwegian. Manufactured from the finest fresh Cod Liver on same day as fish caught.

WHOLESALE ONLY.

Kindly write for sample to

JOB BROS., Manufacturers, Tower Building, LIVERPOOL.

Telegraphic Address: "JOB LIVERPOOL"

Tel. 1019 CENTRAL

And of ST. JOHN'S, N.F.

Established 1780.

"John



"Bull"

MALT EXTRACT

IS THE BEST!!!

Wholesale & Export Only.

PAINE & CO., LTD., ST. NEOTS, HUNTS.



Camena
Camomile & Henna
SHAMPOO POWDER



Fluenzol
FOR
Influenza



FLUENZOL TABLETS
The cure for
INFLUENZA
MALARIA & COLDS
Dose—Two Tablets to
be taken every Three
Hours.
Sole Manufacturers
THE CARNETT-PICKLES PREPARATIONS CO. LONDON

**1920
SERVICE.**

—
**THE
IMMEDIATE
SUCCESS**



RHEUNTIS
(Page 1)
ADULT DOSE
Two Tablets, three times
daily, with meals, in
liquid with duration.
FOR CHILDREN
One Tablet every Three
Hours, in water.
Sole Manufacturers
THE CARNETT-PICKLES PREPARATIONS CO. LONDON



Rheuntis
FOR
Rheumatism
Etc



Pyorrhacol
THE
Anti-Bacterial



PYORRHACOL
By Mouth
This is the most powerful
antiseptic of the modern
type. It is used in the
mouth and back of the
throat in a very safe and
effective manner. It is
absorbed into the system
and acts on the blood,
destroying the germ.
Manufactured only by
THE CARNETT-PICKLES PREPARATIONS CO. LONDON

OF THIS REMUNERATIVE SERIES
HAS BEEN DUE TO ITS TEMPTING
DESIGN.—BY SIMPLE GROUPING,
AN INSTANT DISPLAY IS OBTAINED
& THE SHOWCARD MATERIAL GIVEN
IS THE FINEST PRINTING POSSIBLE.
—DURING THE COMING YEAR WE
SHALL ISSUE PERIODICALLY PRE-
PARATIONS FOR WHICH DEMAND IS
URGENT.

**ASK OUR TRAVELLERS TO SHOW YOU
OUR EARLY 1920 COLLECTION.**



Daphne Forest
The 10 per cent



**DR. HOLLIS
EUCADOR**
THE CARNETT-PICKLES PREPARATIONS CO. LONDON



**Dr. Hollis
Eucador**
FOR
Cataract

Or allow us to send you
Samples and Price List.

**THE CARNETT-PICKLES PREPNS.
CO., LTD.**

**Cromwell House, High Holborn,
LONDON, W.C. 1.**



Pyorrhacol
THE
Anti-Bacterial



PYORRHACOL
THE CARNETT-PICKLES PREPARATIONS CO. LONDON



Garnetia
CREASE PAINT
REMOVER



**Crème
Versailles**
1919
*Formula
Française*



Garnetia
Super
COLD CREAM

THE Rexall TRADE MARK SPIRIT



Rexall chemists have introduced into the apothecaries' craft a new element of progress, new ideas and a new vision. Each is an independent proprietor conducting his own business as he sees fit.

Yet at the same time, these chemists work together in idealistic and practical ways, for mutual benefit and protection.

Working together co-operatively, they manufacture, buy and sell such dependable products as will merit public confidence. They offer their customers quality goods at moderate prices. They make a fair and honest profit and enjoy the trade protection of an exclusive sales privilege in their own localities on all Rexall products.

So much for these material advantages—far reaching and unusual, yet constituting only one phase of the fundamental Rexall idea. The crux of this idea is the fraternity of spirit, made possible between all members, by elimination of competition and complete mutuality of interests.

The Rexall Chemists, through the medium of their numerous Rexall Clubs have constituted themselves a vast fraternity. Meeting in friendship they discuss their problems frankly and fearlessly. They help each other, not by any cold formula but by the zest of fellowship. A certain unique prestige attaches to membership of the Rexall organisation and is invariably reflected in the unusual public confidence which Rexall Chemists everywhere enjoy. Theirs is the strength which comes from united action in a worthy cause.

The United Rexall army, enlisted under the Rexall idea, guided by the Rexall policy, aflame with Rexall Spirit, marches ever FORWARD.

UNITED DRUG COMPANY'S GROWTH.

	1903	1918
Rexall Chemists	40	8,000
Company's Employees	50	10,000
Company's Sales	£12,350	£12,000,000

For Particulars of the Rexall Agency Plan—write

UNITED DRUG COMPANY
114 OLD HALL STREET, LIVERPOOL.

PAGE 15
AYRTON'S

The heat, irritation
and pain of Chilblains
can be avoided by applying

ANTISEPTIC CHILBLAIN LINIMENT

Use it as soon as you notice
the first tingling feeling

If you have had
Chilblains before, take
a bottle with you now
—an application in time
saves a lot of trouble

PRICE
PER BOTTLE



The above wording is 'lifted' verbatim from our Showcard. The Liniment is packed in $\frac{1}{2}$ oz. bottles. Modern cartons with a black and orange colour scheme. The price is **6/-** per dozen.

The one-sale-
more point is
sell a bottle
of Chilblain
Tablets with
each bottle
of Liniment

CHILBLAIN TABLETS

Calcium Lactate, gr. 5

PER DOZEN

25 50 100

6/3 10/6 19/-

AYRTON, SAUNDERS & CO. LTD.
LIVERPOOL

POLAK & SCHWARZ LTD.

ESSENCES.

ESSENTIAL OILS.

AROMATIC CHEMICALS.

FLOWER OILS.

SYNTHETICS.

ZAANDAM. BOIS-COLOMBES

HOLLAND.

FRANCE.



For Gaslight
and Bromide
Papers.

For Plates, Films,
Lantern Slides,
etc.

HYDROX

THE "ALL-ROUND" DEVELOPER

WHEN daylight is scarce and non-actinic the development of plates and films gives place to bromide and gaslight printing, and lantern-slide making—but this implies no reduction in the demand for "HYDROX," the "all-round" photographic developer—"all-round" in excellence, "all-round" in utility.

For lantern-slide work, "HYDROX" stands pre-eminent, giving density without opacity, and generally emphasising the gradation of tone values in the original. In developing bromide and gaslight papers the use of "HYDROX" ensures rich velvety shadows combined with clarity of detail and purity of high lights.

"HYDROX" developer has for ten years or more been constantly enlarging its circle of friends by satisfactorily discharging all the functions for which a photographic developer may be required. "HYDROX" is most convenient to store and handle, and has admirable keeping qualities. "HYDROX" retails in one size only, to sell at 2/- per bottle, or may be supplied in bulk for the use of pharmacists who specialise in photographic development.

THOMAS KERFOOT & CO LTD,
BARDSLEY VALE, LANCASHIRE,
& Bardsley House, London, N.1
ESTABLISHED 1767.

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HIGH CLASS SURGICAL DRESSINGS

DON'T FORGET

to order your requirements early this month.

Prompt delivery cannot be expected with congested traffic conditions at Christmas.

Some cartons and packets of our
SUPERFINE COTTON WOOL
 will help your display.

per lb.	28 lb.	56 lb.	112 lb.
3/6	3/5	3/4	3/3 per lb.

Cartons extra.

Sample on application.

ROBERT BAILEY & SON,
SURGICAL DRESSING MANUFACTURERS,
MARRIOTT STREET MILLS, STOCKPORT.
 CABLES UNDISPUTED, STOCKPORT. CODE A.B.C. 5TH EDITION.



*Increase your
profits by selling*

UNIVERSAL EMBROICATION.

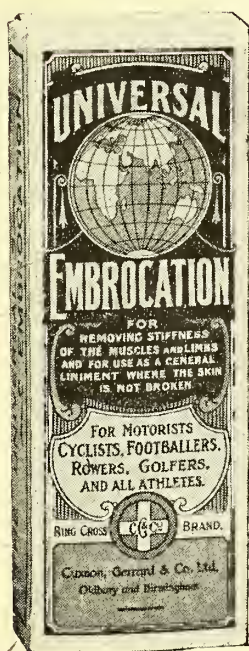
A permanent Egg Emulsion
of Turpentine, Acetic Acid
and Methyl Salicylate.

No. 673. 4-oz. bottles, per doz. **8/6**

No. 673A. 4-oz. bottles,
in cartons, as
illustrated „ **10/-**

In bulk, **11/-** per gallon.

*Gross quantities printed
with customer's name.*



Cuxson, Gerrard & Co.
LIMITED
OLDBURY, near Birmingham

*Export and Colonial inquiries
invited.*



"AVILLIA" OILS OF FLOWERS

IN BULK

DIRECT IMPORT FROM FRANCE

Finest quality heavy mineral oil, perfumed by the maceration of flowers. The only method by which the most delicate fragrance of the flowers is not destroyed. A vastly superior product to the oils perfumed with essences and frequently offered as the genuine article.

Odours: **VIOLET, JASMIN, ROSE, ORANGE, MUGUET, WALLFLOWERS, ETC.**

No. 12, 8/- per kilo. No. 24, 12/- per kilo. No. 36, 16/- per kilo.

Packed in 1, 2, 5, 7, 14 & 28 lb. cans.

Owing to the prevalent shortage of bottles, many firms desire these oils packed ready for retail. To meet this demand I am offering an attractive line of 1 oz. glass-stoppered bottles (see illustration), in No. 24 quality oil, assorted perfumes, at 15/- per doz. Free delivery in United Kingdom.

MINIMUM RETAIL PRICE, 2/6 per bottle.

"AVILLIA PERFUMERY,"

95 & 97 CHARLOTTE STREET, LONDON, W. 1.

The PREMIER PERFUMERY

CO., LTD.

61-62 Chancery Lane, London, W.C.2.

We have the finest stock ready for
delivery of

**Perfumes
Toilet Preparations
Face Creams
Face Powders**

Tooth Pastes & Powders

Over a hundred lines made from the
very best materials and showing large
profits to retailer.

Write for Wholesale Price List.

Tele. & Cables; "Saddletree, Holb., London."
Phone: Holborn 3185 (Private Branch Exchange).

"Less than a Drop is Sufficient"

Zenobia Condensed Perfumes are so highly concentrated that less than a drop is sufficient to give a lasting yet delicate fragrance.

But how can one apply "Less than a drop?" By momentarily inverting the bottle and then lightly touching the article to be perfumed with the moistened stopper. The ordinary stopper found with Zenobia Condensed Perfumes is much more economical than the rod stopper, which applies more perfume than necessary.

ZENOBBIA

CONDENSED PERFUMES

This explanation, given at the time of sale will assist in establishing Zenobia Condensed Perfumes as favourites with the public. Besides being so economical, they have the true flower fragrance always associated with the name of Zenobia—a fragrance that is unequalled for purity and charm.



The Retail
Prices are 3/-,
6/- and 12/6
per bottle.

Trade Prices
are 27/-, 54/-,
and 108/- per
dozen, less
usual discount.

ZENOBBIA, LTD.,

Wholesale Manufacturing and Export Perfumers,
LOUGHBOROUGH, ENGLAND.

POTTER & MOORE'S

Frozen Mitcham

Lavender Water

*Potter and Moore's Famous Old English Perfume
in stick form*

A Solidified Lavender Water, packed in nickel-capped frosted
glass containers.

...

BUISSON FRERES'

Frozen

Eau de Cologne

A Fragrant Eau de Cologne in stick form

Popular with Motorists.

Invaluable in the Ballroom.

A Boon to Invalids.

...

We invite your Inquiries.

...

Sole Proprietors:

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DODGE & OLCOTT CO.,**20 MARK LANE,
LONDON, E.C.****THE "D & O" BRAND***is the "Standard of Quality" for***OILS of BAY, CEDARWOOD, PATCHOULI, PEPPERMINT,
SASSAFRAS, ETC.****BALSAMS of Copaiba, Peru, Tolu.****TONKA BEANS, Angosturas.**Phone:
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ROURE BERTRAND FILS, GRASSE. Established 1820.**LAVENDER (French), SPIKE LAVENDER (French and Spanish)****NEROLI, GERANIUM (African and Bourbon), SANDALWOOD, PETITGRAIN (French and American),****VETIVER (Java and Reunion), ROSEMARY, BOIS DE ROSE FEMELLE, YLANG, &c.****ORRIS CONCRETE and LIQUID.****ESSENCES, SOLIDES and LIQUIDS from flowers.****RESINOIDS and POMADES.****We have Stocks in London of the most important Essential Oils and Perfumery Products.****JUSTIN DUPONT, Argenteuil (S. & O.), France**
Makers of SYNTHETIC PERFUMES**and some of the finest original odours extant, for Sachets, &c.****SOLE AGENTS FOR THE UNITED KINGDOM:****STEPHENS BROTHERS & CO., 2, 5 & 6 Bury Court, St. Mary Axe, London, E.C.3.****Wholesale Houses only supplied.**

Lescol Perfumery

NOTICE.

New and attractive lines will be brought out shortly, and an illustrated catalogue sent out. In the meantime we will send on application a supplementary list of lines in stock, popular in price and advantageous in sale.

We can also offer to advantage Perfumery in Bulk in two qualities—Essential Oils of guaranteed purity; Floral Ottos for Cachous, &c.; Fruit and Soluble Essences, Chemicals, &c.

THE LONDON ESSENCE CO., Ltd.**(Proprietors of THE LESCOL PERFUMERY CO.)****Lomond Grove, Camberwell, LONDON, S.E.5.****Telephone: 810 HOP.****Telegrams: "VANILLIN, CAMBER, LONDON."**

WHOLESALE & EXPORT ONLY.**LA ZAGARA,****REGGIO, CALABRIA (Italy),***Co-operative Society of Citrus Plantation
Growers and Essential Oil Makers.***Buy Direct from Actual Producers****HIGHEST-GRADE GENUINE CALABRIAN
OILS OF****LEMON
BERGAMOT
ORANGE****MANDARIN. PETIT-GRAIN. NEROLI.****BERGAMOT****is an exclusive product of REGGIO, CALABRIA***Sole Agent for the United Kingdom:***C. A. CHARPENTIER,****184 Aldersgate Street, LONDON, E.C. 1.****Phone: City 7941.****Cresp-Martineng****(Grasse, France),****Manufacturers of****ESSENCES & PRIME****MATERIALS for MANUFACTURING****PERFUMERS,****CONFECTIONERS,****ETC.****SYNTHETICS,****ARTIFICIAL VIOLETS****(MYRIONE),****ARTIFICIAL MUSK.****INQUIRIES SOLICITED. LARGE STOCKS****ROBERT FERBER, LTD.****98/104 OAKLEY STREET,
LONDON - S.E. 1.****Agents for
the UNITED
KINGDOM &
CANADA.**

LAMP-BLOWN ARTICLES

SUCH AS

Test Tubes, Ampoules and Vials.

We have the greatest pleasure in intimating that not only are we making the above articles, but have every facility for reasonably quick delivery.

We also feel a pardonable pride in being able to train wounded soldiers for some of this work, and who are imbued with the ideas and high standard these productions demand.

We also have large stocks of Medicals, Kalis, Limes, Vials and Perfumery Bottles. We can always fix you up with something from stock.

JULES LANG & SON,**Charlton Works, Charlton Place,
ISLINGTON, LONDON, N.1.****Telegraphic Address: "Assorted, Phone, London."****Telephone: North 2770 (3 lines).**

SICILIAN

LEMON - BERGAMOT

ORANGE - MANDARINE.

—SPINELLI—

**THE OILS THAT HAVE A LONG
REPUTATION FOR QUALITY.**

In the manufacture of our Terpeneless Oils it was imperative that we secured the very finest Sicilian Oils to work upon. After several exhaustive tests we came to the conclusion that "SPINELLI" brand of Sicilian Oils gave us the best results. As we were able to place large orders for our own needs with the manufacturers, we have pleasure in stating that they have entrusted us with their British Agency, and we offer to users of Sicilian Oils the benefit of our experience. There is quality in every package. Guaranteed Genuine Oils of authentic origin, and to conform to any :: :: :: analysis as to purity. :: :: ::

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TERPENELESS OILS

BRITISH MADE.

We manufacture exclusively ourselves all kinds of Terpeneless Oils, and invite inquiries from users throughout the World.

WE SPECIALISE IN TERPENELESS:

Anise (Anethol)

Bay

Bergamot

Caraway

Cassia

Cinnamon

Clove

Dill



Geranium

Ginger

Juniper Berry

Lavender

Lemon

Limes

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Nutmeg

Orange

Peppermint

Petitgrain

Rosemary



CINNAMIC

ALDEHYDE

GERANIOL

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Have you tried

"PREEMO"

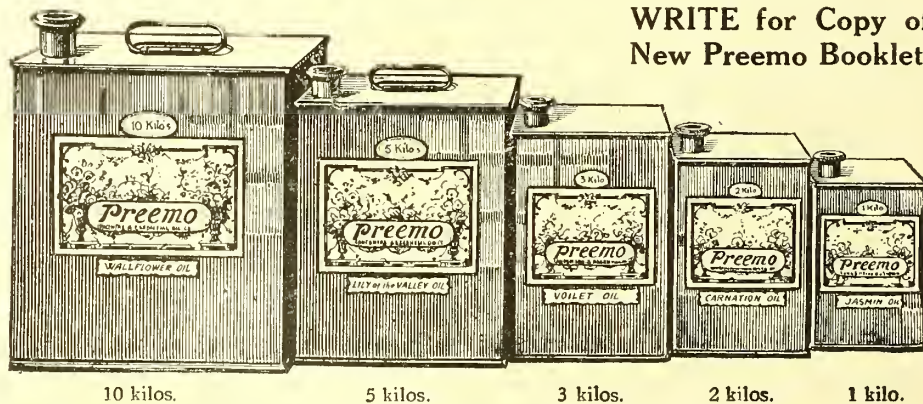
FLORAL OILS

?

If you only once put Preemo Floral Oils to the test you would require no persuasion from us to keep on using them. Having discovered their incomparable Quality, Purity and Odour, and noted the satisfaction which they give to your customers, you would not be content to go back again to the use of inferior Oils.

Preemo Floral Oils are economical owing to their great concentration, and they find a ready Sale when put up in small bottles. Offered in three qualities, No. 72 at 15/-; No. 36 at 10/6; and No. 24 at 7/6 per kilo; and these can be diluted when required with odourless oil. Will you try a sample kilo?

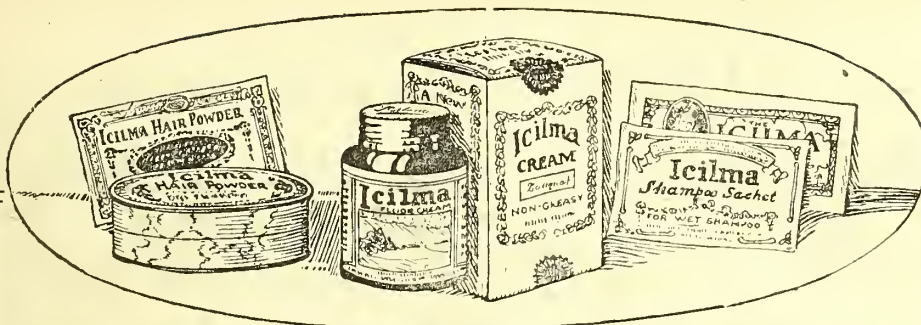
WRITE for Copy of
New Preemo Booklet.



The PREEMO Concentre and Essential Oil Co.,
63 High Holborn, London, W.C.1.

Telegrams: "APPREEMONA," Holb., London.
32 Rue de Montenotte, Paris.

Telephone: Holborn 3095.
Telephone: Wagram 27/35.



We Don't Sell "Dust Collectors"

It pays to buy and sell Icilma Toilet Preparations because the demand is sure and steady. Our national advertising keeps up the interest in and stimulates the sale of our preparations. The *unique value* of the goods themselves gets repeat orders.

After all its no good loading your shelves with goods that don't sell quickly—they take up valuable room and require a lot of pushing and hard work on your part. "*The stock that sticks*" is no good to you. The imaginary extra profit you may get per article doesn't compensate you for your trouble, because the demand is lacking. That's why it pays to stock goods that have big sales.

Our sales are big because we supply *good goods*—because we put out *good advertising* and because we give *good profits*. We deal with everyone, public, retailer or wholesaler absolutely squarely. This policy pays us—and you.

Price lists and details of display terms post free on request.

Icilma

Toilet Preparations

Stock our goods and share our success.

**Supplies are now Normal
Pre-War Quality Guaranteed**

T 16—20/12/19.
Manufacturers—Icilma Company, Limited,
Sole Distributors—International Icilma Trading Co., Ltd.

37, 39, 41, 43, King's Road,
ST. PANCRAS, London, N.W.1

Special Offer to introduce CRÈME RAYMET

A perfect non-greasy vanishing cream, most attractively packed and delightfully perfumed—Crème Raymet makes an irresistible appeal to all those who value their complexion.

OUR OFFER : With each dozen Crème Raymet (28/- per dozen) ordered prior to December 31, we will send, free of charge, 100 dainty perfumed pocket calendars, printed with your name and address.

M.R.P.

3/6

a

Pot.

28/-

per dozen.



M.R.P.

3/6

a

Pot.

28/-

per dozen.

The illustration shows the style of packing—a dainty fawn-coloured earthenware pot, holding about 2-oz.—finished off with blue ribbon and attractive label in several shades of blue—each $\frac{1}{4}$ dozen in a “sales-compelling” show outer.

Crème Raymet is certain to become popular with your better-class customers—the cream is a really good one with a most fascinating perfume, and can be recommended with confidence—the profit is good, $1\frac{1}{2}$ on each pot sold.

Why not try a dozen in your Christmas window—they will add to its attractiveness—a postcard will bring them, together with the pocket calendars.

Raymet & Co., Ltd., 507-509 Harrow Road, London, W. 10.

POUDRE DE RIZ



No. 3396.

ASSORTED ODOURS AND COLOURS.

7/- per doz.



ASSORTED ODOURS AND COLOURS.

No. 782. 7/6 doz.

No. 783. 10/6 "

 SUBJECT TO USUAL TERMS.

Obtainable only from

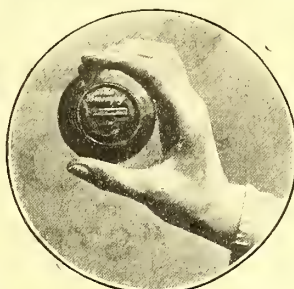
WILLIAM TOOGOOD, LTD.77 Southwark Street,
LONDON, S.E. 1.

MOUSLEY'S "BEAVERPUF"

Patent Nos. 4931 and 4932.

The Ladies' Natty Friend.

B. quality
Brown
Fur
3/11
each.



G. quality
Grey Fur
4/6
each.

Additional Powder Bags, 6d. each.

Just out. Demand great.
Delightfully Soft in use.
Superior to artificial Puffs.
Write for Prices and Terms

F. A. MOUSLEY

(MAKER)

Priest Bridge, Mortlake,
London, S.W.14

12/6 Seidlitz Powders 13/6

Why pay these prices?

Our prices are as follows:—

B.P. 1 gross	@ 10/6	gross.	4d. carr.
3-5 "	@ 10/-	"	Net.
6-10 "	@ 9/9	"	Carriage
12-20 "	@ 9/6	"	Paid.

Ol. Junip. Liq. Opt.	...	7/6 lb.
" Lavand. Ext. Opt.		25/- lb.
" " " Extra		33/- lb.

Inf. Caryoph. Conc. 1-7 1/6 lb.
Guaranteed = B.P. Gallon 1/4 lb.

5% Drugs—carriage paid with Seidlitz:
Opening accounts cheque with order.

Wholesale and Colonial inquiries invited.

Rubber Goods 33½% below usual prices.

ROSS MANUFACTURING CO.,
1 Lingham St., Stockwell, LONDON, S.W.9.

Temporary remises only.

Manchester Agent: W. Harrison, M.P.S., Chorlton-cum-Hardy.

Enolin

TOOTH PASTE

"STRONG" OR "MILD"

The Super Paste

If your wholesaler has not sent you sufficient advertising matter for window display, drop us a postcard and we will send you a good assortment, post free.

SOLE MANUFACTURERS & PROPRIETORS:

A. & E. CARRERAS, Perfumers,

Offices : 207 King St., Hammersmith, London, W.6.

Telephone :

HAMMERSMITH 600

Telegrams :

"ESOLINDOL HAMMER,
LONDON."

F. M. RUDD,

Bronson,

MICHIGAN,

U.S.A.

GENUINE AMERICAN PEPPERMINT OIL

"Columbia" Natural
"Diamond White"
Re-distilled.

Finest qualities for Druggists,
Distillers and Confectioners.

Sole Consignees in United Kingdom—

R. W. GREEFF & CO.

Thames House,

Queen St. Place, LONDON, E.C.

The Evan-Williams

Always in Great Demand.
Price List on Application.

The Evan-Williams Co., Ltd., 18, Ogile Street, W.L.

**ORIGINAL
HENNA SHAMPOO.**

All Chemists and Stores adjacent to Theatres and Music Halls should stock the famous

LEROZA Theatrical Cold Cream and Grease Paint Remover.

Used and recommended by all the leading Artists, including The Two Bobs, Ernie Mayne, Miss Victoria Monks, Shaun Glenville, and scores of others too numerous to mention. Sells at 1/6 per tin box (about 10 oz.) costs 12/6 per dozen carriage paid. Cash with order.

From the Sole Inventor and Manufacturer, ARCHIBALD MOLE-FLOYD
The LEROZA THEATRICAL STORES, 71, 73 & 75 Cambridge St., Glasgow.

PERFUMERS ! SHORTAGE OF LABOUR

Advertisers are prepared to undertake the blending of Shampoo, Tooth, and other Toilet Powders, in large or small quantities at lowest possible rates. Good workmanship and prompt delivery. Ingredients supplied if desired at lowest market prices. Write, stating requirements.

MARTIN & CO., 71 City Road, Finsbury, London, E.C.1.

LES PARFUMS DE ROSINE

EVERY ONE SOLD THIS YEAR.

We hope to do business with you in 1920.

W. H. CALNAN & CO., 30-32 Ludgate Hill, E.C.4.

LABELS for Perfumery of all kinds

SAMPLES SENT ON REQUEST.

LARGE SELECTION OF STOCK DESIGNS.

DOUIN & JOUNEAU, French Lithographers, 3 rue Papin, PARIS.



FACT

THAT THIS PEAK SHOW

will bring custom that pays you handsomely, quickly and easily, because it synchronises with the heavy Press Publicity going on continuously in the best media.

"T.M." PASTE & POWDER "T.M."

..... are the one and only real

SMOKERS' DENTIFRICES

They are not ordinary lines "dressed up" to appeal to Smokers (an important point to bear in mind).

THIS HAPPY "T.M." SHOW

goes with an order for 6 doz. "T.M." Paste (1/3) at 9/9 per doz., 1/2 doz. Bonus; 6 doz. "T.M." Powder (7 1/2 d.) at 3/9 per doz.

OBSERVE THE P.A.T.A. MARGIN

THOS. CHRISTY & CO., 4-12 Old Swan Lane, LONDON, E.C.4.

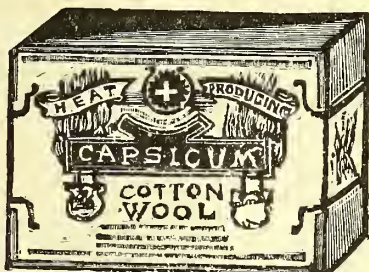


Capsicum Cotton Wool.

METHYL SALICYLATE.

PACKED IN ATTRACTIVE CARTONS.

SMALL
SIZE,
6/-
DOZ.



LARGE
SIZE,
11/6
DOZ.

Special Quotations for Large Quantities.

ARTHUR BERTON, LTD.,

15-17 Worship Street, LONDON, E.C.2.

Telegrams: "Aybelim, Finsquare, London." Phones: LONDON WALL 507, CITY 998.

THE BEST

GUMMED PAPER

made is only just
good enough

FOR A DOCTOR TO USE.

Ask for

Jones'

Superfine Pure Gummed
Paper

(It Won't Curl).

Samuel Jones & Co.,

Bridewell Place, London,
E.C.4.

DEARBORN

LIMITED

37 Gray's Inn Road, LONDON, W.C.

Toilet Specialities.

	Price per doz.	Selling Price to Retailer, P.A.T.A.
PILENTA SOAP -	10/-	1/-
A complexion soap.		
PROLACTUM - -	10/-	1/-
For the lips.		
PARSIDIUM JELLY -	10/-	1/-
For wrinkles.		
ALLACITE of ORANGE	22/6	2/6
A dressing cream. BLOSSOM		
BORANIUM - -	22/6	2/6
A hair tonic.		
CLEMINITE - -	22/6	2/6
For a face lotion.		
COLLIANDUM - -	22/6	2/6
For a face tint.		
PERGOL - -	22/6	2/6
A deodorant.		
STALLAX - -	22/6	2/6
For a shampoo		
JETTALINE - -	31/6	3/6
For clearing the skin.		
PHEMINOL - -	36/-	4/-
A depilatory.		
MENNALINE - -	36/-	4/-
For the eyelashes.		
MERCOLIZED WAX	31/6	3/6
A face cream.		
STYMOL - -	36/-	4/-
For oily complexions and blackheads.		
BARSYDE - -	22/6	2/6
Dandruff eradicator.		
TAMMALITE - -	22/6	2/6
For grey or faded hair.		
LIQUID PERGOL -	31/6	3/6
To check excessive perspiration locally.		
BICROLIUM - -	22/6	2/6
For whitening the hands.		
HARAPOSA - -	22/6	2/6
Nut oil shampoo.		

STOCKED BY ALL WHOLESALE HOUSES

COLONIAL DEPOTS AND AGENCIES.

AUSTRALIA:

ALL WHOLESALE and
DEARBORN, Ltd., Grace House, Clarence Street, Sydney.

SOUTH AFRICA:

LENNON & CO., Ltd. (Pretoria)
SIVE BROS. & KARNOVSKY Ltd. (Johannesburg)

INDIA:

KEMP & CO., Ltd. (Bombay).
R. MACLURE (Madras).
SMITH, STANISTREET & CO. (Calcutta).
MEHTA BROS. (Calcutta).
JAMNADAS BROS. (Bombay).

NEW ZEALAND:

SHARLAND & CO., Ltd. (Auckland & Wellington).

SOUTH AMERICA:

DEARBORN, Ltd., Calla Salta 264, Buenos Aires.



Whitecross Baby Powder

*British make throughout.*In smartly decorated tins, with
sprinkler and dome top.

P.A.T.A. 10½d.; 6/- per doz.



Peach Bloom Face Powder

*British Make throughout.***NO ADVANCE IN PRICE.**

In various tints.

P.A.T.A. 7½d.; 3/6 per doz.

Whitecross Tooth Powder

British Make throughout.

Being a first-class article, packed in smartly decorated tins.

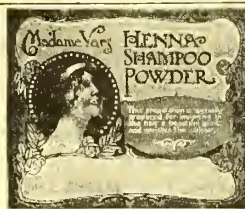
Two sizes, 3/6 and 5/3 per dozen.

The Whitecross Baby Powder and Tooth Powder have
both obtained the Certificate of Merit of the Institute
of Hygiene.

Menthol and Menthol & Eucalyptus Snuff,

in special decorated tins. On the P.A.T.A. at 4½d.;
2/9 per dozen.

Tooth Paste in Collapsible Tubes.

All varieties, 5/- and 6/9 per dozen; also a special new
line "Antiseptic," each in carton 5/3 per dozen.Lanoline, Oatmeal Cream, Witch Hazel, Antiseptic Honey
Jelly, etc., in tubes, 5/- and 6/9 per dozen.

Madam Var's Henna Shampoo

Very smart wrapper in
eight colours; loose 22/-
per gross, one show box
with each gross. Packed
seven in a box, 13/3 per
dozen boxes.

TOILET PARAFFIN, 2½ oz., 8/- per dozen; 5 oz., 11/3 per dozen.

BAY RUM, 2½ oz., 6/9 per dozen; 5 oz., 8/6 per dozen.

FIXAR HAIR CREAM, 2½ oz., 7/6 per dozen; 5 oz., 9/9 per dozen.

EAU DE QUININE, 10/- per dozen.

Bay Rum and Cantharides, Brilliantine, Cold Cream and
dozens of other lines. Price Lists on application.DECORATED TINS and Plain in variety, all sizes, from
2 dr. upwards. Whitecross Ointment Tins, Vaseline, Fuller's
Earth, Violet Powder, Tooth Powder, etc. etc.Ready Again.—Ointment Tins with buyer's name round edge,
and plain centre for labels. Write for particulars.

SPECIAL DISCOUNTS TO LARGE BUYERS.

The CHEMISTS' MANUFACTURING Co., Ltd.

with which is
incorporated **SHIRLEY BROS.**

Whitecross Works, Rockingham Street, S.E. 1.

PAPIER POUDRE

AND "POPPŒA" PREPARATIONS.

TRADE

MARKS

**BRITISH MADE
GOODS**



"LEHCARESOR."

Papier Poudre

Our Sunburn Tint
For Landworkers
and
Seaside Visitors.

Booklets - - - 8d. & 1/4
5/- & 10/- per doz. net.

Beware of Spurious Imitations.

REGISTERED



PAPIER POUDRÉ, LTD.,
20 Baker St., Portman Sq., London, W.
and in Paris.

NOTE OUR TRADE MARKS, AS ABOVE.

NEW PAPIER POUDRÉ PRICES.

WHITE, ROSE, or RACHEL Tints, 4d., 6d., 8d., and 1/4 size Booklets,
2/8, 3/9, 5/-, and 10/- per dozen net respectively.

SUNBURN TINT, 8d. and 1/4 sizes only, 5/- and 10/- per dozen net.

REFILLS to MIRROR CASES in WHITE or RACHEL 2/8 per doz. net.
1/4 SHAVING PADS, FOR USE AFTER SHAVING (unscented, white only) 10/- " "

THE ALL-BRITISH "POPPŒA" PREPARATIONS.

"Poppœa"
TRADE MARK

NEW PRICES.

ROUGE is most popular. It is put up in most convenient form, and is Nature's Understudy.

IN PADS, 8d. each.
5/- per doz. net.

IN MIRROR CASES, 1/4 each, 10/- per doz. net.
REFILLS, 6d. each, at 3/9 per doz. net.

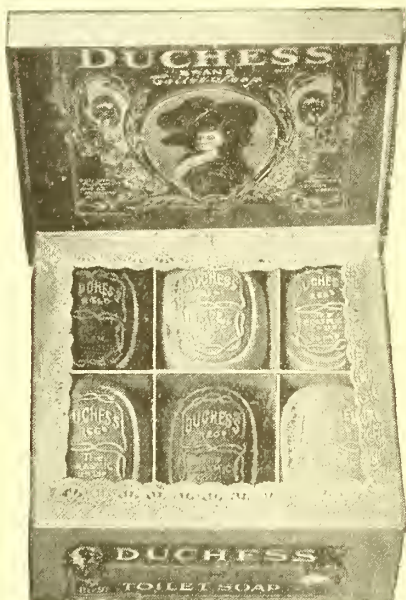
"POPPŒA" MASSOLINE SKIN FOOD, in Jars, 1/2, 2/6 & 3/6 each; 9/6, 24/ & 28/- doz. net respectively

"POPPŒA" CIRCASSIAN CREAM " 1/2, 2/6 & 3/6 " 9/6, 24/- & 28/- " "

"POPPŒA" CRÈME POUDRÉ, in Bottles, 1/2 & 3/6 each; 9/6 & 28/- doz. net respectively.

PAPIER POUDRÉ, Ltd., 20 BAKER STREET, PORTMAN SQUARE, LONDON, W.1.

Sale reserved exclusively to Chemists.



"DUCHESS" TOILET SOAP

REGD.

5^D. TABLETS.

Price Protected.
No cutting.

Send for Price List to

"ERASMIC," PERFUMERS, WARRINGTON.

*A Well-kept Hand is the
Hall-mark of Refinement*

Veldt Cream

LABEL-TITLE. COPYRIGHT

(Pre-war Quality)

The just-pourable Glycerine and
Witch-Hazel Vanishing Skin Food
without doubt is the best remedy for
CHAPPED HANDS

Secure supplies before the Bottle situation gets worse!

SPECIAL OFFER PAYING 40%
for Monthly Terms:-

With 1 gross 5d. Veldt Cream—
2 dozen 1/- absolutely free, carriage paid

With 6 dozen 1/- Veldt Cream—
2 dozen 1/- absolutely free, carriage paid

Complete set of Showcards with each order.

N.B. The 5d. size is a form of sampling and is always a fore-
runner to a regular sale for the larger sizes: it is regarded
as a form of advertising also. The above terms would be impossible
otherwise. Work it out for yourself and admit our faith in present
loss for ultimate gain. **WE HAVE THIS CONFIDENCE IN
VELDT CREAM.**

Orders executed in strict rotation by

THE "VELDT" LABORATORY, LOUTH,
or through ENGLAND
AYRTON, SAUNDERS & CO., LTD., LIVERPOOL

BOTTLES

CANNONS,
BRILLS, LIMES,
PERFUMES,
BAY RUMS,
KALIS, CARBOYS

WHOLESALE ONLY—PROMPT DELIVERY.

E. DUNCAN DORING, 7 King St., Cheapside, E.C. 2
Telegrams: "Doringlasso, Phone. London." Telephone: City 4000.

NAIL

FILES,
SCISSORS,
CLIPPERS,
INSTRUMENTS.

—TWEEZERS & FORCEPS.—

Special quotations to large buyers.

HENRY W. SCURR, HENRY RD., SLOUGH

First-class Pharmacies are never without

SoTOL

**Antiseptic Mouth & Throat Wash
Non-Carbolic Tooth Powder
Tooth Paste**

From all Wholesalers or direct from

THE WESTERN DENTAL Mfg. Co., Ltd.

74 Wigmore St., London, W.1.

Laboratories—West Ealing, W.13.

Advertising matter free on request. On the P.A.T.A.

DO

you run a skin soap or toilet soap under your own name or brand? We have been approached by so many chemists lately, all desirous, for one reason or another, of transferring the manufacture of their own speciality soap and entrusting the same to a soapmaker *within* the drug trade, whose special reputation is for soap of purity of base, that we venture to ask

YOU

Sir, if *you* are open to receive suggestions in this connection. If you have already your own branded soap and desire to retain similarity of appearance, odour, shape, wording, etc., whilst securing advantage of price and the purest soap base extant, send us a tablet for report. Our range of moulds is already exhaustive; probably we have yours. In the flood of soaps on the market to-day, handled by every class of trader, the chemist should

SELL

one which stands out as something a bit better than the rest. Again, where a chemist has the supreme advantage over all other traders is in the field of medicated soaps, which cannot be touched by his competitors outside the drug trade. It is not sufficient, however, to stock a few tablets; consider how wide the field of prospective buyers! Make a department of it and the result will be found to exceed all expectations. May we submit to *you* *personally* a concrete suggestion for *your own special* brand of

SOAP?

KOPATINE FOR THE HAIR

A bonus offer—93% on your outlay

Kopatine preparations for the hair are advertised in a large number of papers including the Daily Mirror, Picture Show, Lady, Queen, Eve, etc. From this advertising a demand is springing up in all parts of the country. To induce you to take up a small stock and be in a position to supply, we are making you the following special bonus offer.

	Cost.	Sells for
	£ s. d.	£ s. d.
6/12 Instantaneous 6/6 ...	1 4 0	1 19 0
3/12 " " 10/6 ...	19 6	1 11 6
3/12 Al-Khanna 6/6 ...	12 0	19 9
	2 15 6	
3 3/4 per cent. Cash discount	2 1	
	£2 13 5	
FREE.		
1 doz. No. 1 ...	...	3 0
1 doz. No. 2 ...	...	6 0
1 doz. K.C. Dental Cream ...	...	3 9
	£5 2 9	
Outlay £2 13s. 5d.	Profit £2 9s. 4d.	
Practically 100 per cent.		

To get your share of this growing trade you should take advantage of this offer to-day. Smaller quantities obtained from Osborne, Garrett & Co., or from the usual Wholesalers, or direct from—

Kopatine Cie (Dept. 22), 34 Buckingham Palace Road
London, S.W. 1. Telephone: Victoria 2648.

Kopatine Instantaneous.—A liquid hair colouring (6 primary shades from blonde to black).
Retails at 6/6 per case.

Kopatine Al-Khanna.—A permanent henna basis hair colouring shampoo. Retails at 6/6 per case.

Kopatine No. 2.—A splendid henna shampoo. Retails at 1/- per packet.

Kopatine No. 1.—A high-class plain shampoo. Retails at 3d. per packet.



**OVER 100% PROFIT
ENSURED & PROTECTED (P.A.T.A.)
for sellers of**

Laurence's Hair Dyes

One solution, nine shades.

A first-class article with an excellent demand, created entirely on its own merits, and carrying a first-class profit.

Size.	Minimum retail.	Minimum wholesale.	
1/-	1/-	7/6	
1/6	1/6	9/-	per doz.
2/6	2/6	15/-	less 5%
3/6	3/6	21/-	discount.

SPECIAL BONUS

Buyers of 3 doz. bottles receive 3 bottles gratis (may be assorted and any size).

Do. 6 doz. do. 8 bottles gratis.

Do. 12 doz. do. 18 bottles gratis.

Equivalent in the case of the size in most general demand, viz. 1/6 size, to 4/6, 12/- and 27/- respectively.

SOLE PROPRIETORS—

C. R. HARKER, STAGG & MORGAN,
LTD.

DEVON WHARF,

Emmott Street, Mile End, London, E.1.

BE SURE AND ADD

La-Rola Rose Bloom

TO YOUR STOCK AT ONCE,

as it is being largely advertised in the "Daily Mail," "Mirror," "Sketch," etc.

**Do not lose the business
through being out of stock.**

It is the most natural tint on the market, and is selling well wherever introduced.

Lait La-Rola & Glycerine & Cucumber
supplied as usual.

All these articles are protected at FACE VALUE.
Write for Display Terms and save 10%.

M. BEETHAM & SON, Cheltenham.



WAVCURL

THIS article has now been sufficiently long before the public to enable them to sample its merits. This the public have done on a large scale, and many delighted users have come again and again to the retailers they buy from for further supplies. The demand has been extraordinary. At first the proprietors tried to cope with it per post, but they soon saw that this was too cumbersome and tedious a method, and they are now gladly availing themselves of the services of the trade. Wavcurl is a first-class seller and a first-class payer, too. The profits are all they should be on a toilet line, as any reader can see for himself in the P.A.T.A. Protected List. Forty per cent (40%) should surely awaken your interest, especially in a line that sells at sight. All classes of ladies, from the titled dame to the busy factory worker, are using it as their readiest means of keeping themselves attractive, notwithstanding the great demand there is just now upon their time. To the user it is a great time-saver; to the seller, a great money-maker. We invite your application for Showcards and Dummies for window-dressing. A Wavcurl window-show in an industrial or factory area will simply make the shillings shower into your till. Address post card to

THE WAVCURL CO.,
FULWOOD HOUSE, HIGH HOLBORN, W.C. 1

	Per doz.		Per doz.
1/6 Wavcurl (in packets) ...	9/-	1/6 Duvetine (Superfluous Hair Remover) ...	9/-
2/9 Wavcurl (in bottles) ...	21/-	1/6 Wavcurl Hair Tonic (9 in Powdered Form) ...	9/-
1/6 Complexion Cream ...	10/-	1/6 Eyelashine ...	9/-
2d. Shampoo Powder ...	15/- gross.	Showcards for Window Dummies for Show	no charge

Agents: PARIS.—A. W. Scott, 38 Rue du Mont Thabor. CANADA.—W. W. Barry, 1 Port Street, Montreal.

REPUTATION COUNTS.

"Camilatone" Camomile Tonic SHAMPOOS

are the most popular hair beautifying preparations on the market.

PROFITABLE LINES.

Once sold, always asked for.

1/- line, for brightening only,	7/- per doz.
5/6 " " for warmer shades	42/- "
2/- " " for " " " "	14/- "
5/6 " " for " " " "	42/- "
1/6 " " for the Nursery	10/- "

5 packets in box.

Supplied direct by

The CAMOMILE TONIC Co.

16 Lichfield Rd., Cricklewood, N.W.2

For LARGE BUYERS

For SHIPPERS

Good Toilet Goods

SHAVING STICKS,
BRILLIANTINES,
DRY SHAMPOO (Liquid and Powder), BAY RUMS, TOILET
PARAFFINS, LIME CREAMS, POMADE HONGROISE,
TOOTH POWDERS, DENTAL CREAMS, VANISHING
CREAMS, SHAMPOO POWDERS, and all TOILET GOODS.

SAMPLES AVAILABLE.

C. A. STOKES & CO., Ltd., 11 Eclipsol Works, BRISTOL.

Our Ads. in "Daily Mirror,"
"Sketch," etc.

THE LETTERS OF AMAMI



EXTRACT 5

"Went Xmas shopping with Aunt Priscilla the other day. That a wonderful sight the stores are."

Met Gerald trying to buy some AMAMI shampoos for Phoebe - told him I always used them - so he always wondered why I looked like a veritable Diana coming

fresh from her morning bath with my hair looking a perfect vision of seductive loveliness.

Poor boy, he's got it bad."

Love *Amami*

AMAMI SHAMPOOS

Wonderfully fragrant, delightfully refreshing, they immediately appeal to the daintiest of ladies. They bring back to the hair all its natural tints of life and beauty.

**BE SURE TO BUY HER A BOX OF
AMAMIS. IT WILL PROVIDE AN
EXQUISITE XMAS GIFT**

*And one she will appreciate above
all others*

Seven sachets in a dainty box
for 2/3; single sachets 4½d.; and
sold everywhere.

These ads. send new customers to your window. Do they come inside? Ensure this by making a display and incidentally securing the 10/- bonus allowed on £5 orders. Remember, profits are good, on best terms cost 2½d., and sell at 4½d. each.

PRICHARD & CONSTANCE (Whol.) Ltd.
Court Perfumers,
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12 dozen, plus bonus 3 dozen, gives 15 dozen

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1 11 6

Add 2 1/2 % for cash **10**

Profit, 88 % on outlay... .. **£1 12 4**

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THREE GOOD SELLERS THAT PAY WELL

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(The original solid Eau de Cologne).

(Regd.)



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PERFUME AND
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Retails (P.A.T.A.)
Minimum - 3/-
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DELICIOUS. RELIABLE. EFFECTIVE.

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doz.

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Laboratories,



6d.
P.A.T.A.

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Oasis Toilet Preparations

GIVE MAXIMUM PROFIT
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Comprise Dental Cream, Dental Powder, Toilet Powder, Toilet Snow, Toilet Cream, Bath Crystals, Bath Tablets, Nail Polish, Lip Salve, Shampoos, Solid Brilliantine, Camphor Ice, Water Softener.

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To assist you in promoting sales, our advertisements carry the following offer: Customers presenting a copy of any of our advertisements within two weeks of the date of publication qualify for a 33 1/3% rebate. *This reduction, however, will not alter your profit on the line.* Send us the cutting, and we will forward either cash, a credit note, or goods to the full value by return. Send for details, or ask our representative to wait upon you with a full range of samples.

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10½d. and 1/3 ... 7/6 & 10/6 per dozen

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Carriage paid on £1/10/0 upwards.

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**LABORATORY
OF GENERAL PHARMACOLOGY,
8, Rue Vivienne, Paris.**

LONDON AGENTS:

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**CHAPOTEAUT'S
CAPSULES of
PHOSPHOGLYCERATE
of LIME.**

**THE BEST TONIC FOR
FORTIFYING AND BUILDING UP
THE NERVOUS SYSTEM.**

*Sold by all Chemists.
Wholesale: 8, Rue Vivienne,
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MORRHUOL CHAPOTEAUT



CAPSULES

MORRHUOL DE CHAPOTEAUT
is extracted from cod-liver oil, and
contains all its efficacious prop-
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*It cures Coughs, Bronchitis and Catarrh,
restores the appetite, and gives force to
feeble persons.*

SOLD BY ALL DRUGGISTS.

**CHANDRON'S
DROPS**

(Gouttes des Colonies)

**A harmless antiseptic
preventative against CHOLERA-
FERMENTATION - INDIGESTION
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*I find the odor exquisite and
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Mrs. W. W. W.*

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CARDEN**

**RIGAUD
PARFUMEUR
16, RUE DE LA PAIX,
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GATES' BOTTLE CAPPING SKINS



SNOW-WHITE OPAQUE ROLLED SKINS.

SOMETHING QUITE NEW. These Skins are damp and READY FOR USE. Used by all the Leading Perfumery and Drug Houses. ABSOLUTELY AS OPAQUE as Split Skins and equal in appearance.

"SOLE PIONEER"
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English Manufacturer:
LESLIE GATES
HAILSHAM, SUSSEX.

"Mine beat all others."



Another New Speciality.—Try my
TRANSPARENT SHEEP BAUD-
RUCHE CAPPING SKINS.

ALSO GOLDBEATER'S SKIN FOR MEDICAL PURPOSES.

THE CHEAPEST & MOST EFFECTIVE CAPPING EVER PRODUCED.

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(Britannia Glass Works)

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creases if you use
SEMREH
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They are SELF-FIXING
and SELF-FITTING:
they assume a smooth
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Sole Representatives of Manufacturers.

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KEEP FULL STOCKS OF
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Veloin Cream,
Cazo Tablets.**

Sole Manufacturers **The D. J. LITTLE Co., 37/38 Hatton Garden, London, E.C.**

These goods are advertised in a
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The Public will want them, and it
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The profit on the retail sale is
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MR. HARRY HAWKER

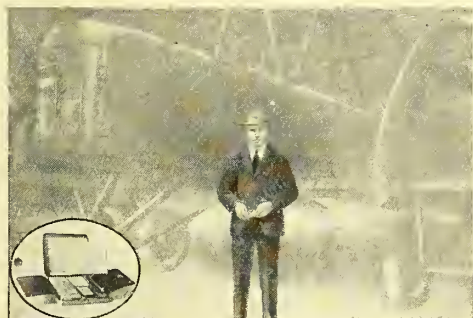
UNITED STATES NAVAL SEAPLANE N.C.4

BRITISH AIRSHIP R 34

CAPTAIN ROSS SMITH, D.S.O., M.C., D.F.C., A.F.C.

Were all Equipped with

TRADE MARK **'TABLOID' BRAND FIRST-AID**



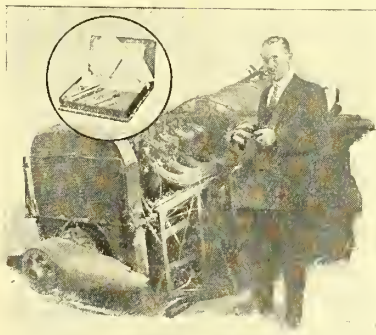
Sir John Alcock holding his
'TABLOID' FIRST-AID, No. 706



'TABLOID' FIRST-AID, No. 715, in the
cabin of Capt. Ross Smith's Aeroplane

"It is the only possible
medical outfit for an
Aviator."

T. Alcock



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FIRST-AID, No. 131, and remains of Aeroplane

"It is a complete outfit for
emergencies, but so com-
pact that it takes up no
material space on the
machine."

Ross Smith Capt.
A.F.C.



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ESSENTIAL OILS.
POMADES (FLORAL).
ROSE WATER.
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Also Special Agents for
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IRON JELLOIDS.
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Telegrams : "WARRICKERS, HOX, LONDON.",

CORRESPONDENCE FROM OVERSEAS SOLICITED.



A Weekly Journal of Pharmacy and of the Chemical
and Drug Trades.
ESTABLISHED 1859.

The CHEMIST AND DRUGGIST is in circulation and reputation the leading journal addressing the Chemical and Drug trades in the British Empire and other countries in the Old and New Worlds. It is the official organ of the Pharmaceutical Society of Ireland, the Chemists and Druggists' Society of Ireland, and of many Chemists' Societies in Australia, New Zealand and South Africa.

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FIFTEEN SHILLINGS a year, payable in advance to any part of the world, including a copy of *The Chemist and Druggist Diary*. Subscriptions may begin with the first issue of any month. Single Copy, 6d.; *Diary* 3s. 6d., post free. Postal orders and cheques should be crossed "Bank of Liverpool and Martin's Ltd."

Prix de l'abonnement annuel: le journal une fois par semaine, et l'agenda une fois par an, 15s., franco.

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Branch Offices: MELBOURNE AND SYDNEY, AUSTRALIA.

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Next Week's Issue.

OWING to the Christmas holidays THE CHEMIST AND DRUGGIST will next week go to press on Tuesday, December 23. We shall be glad if contributors will please send in their copy so that it reaches us by the first post on Tuesday.

The Chemist and Druggist Diary, 1920.

WE much regret to announce that there has been unusual delay in producing *The Chemist and Druggist Diary*, 1920, owing to the prevailing adverse economic conditions. The copies for Colonial and Foreign subscribers are being despatched this week, and we hope to send out the Home copies immediately after Christmas. Will our subscribers please accept our apologies for the unavoidable delay?

A NEW "CRY OF LONDON."—According to the "Sunday Express," sprigs of eucalyptus are being hawked in London. It seems probable that in course of time a suitable contraction of the name will be evolved.

AERATED-WATER PRICES.—The "Daily News" states that there is every possibility of an increase being made very shortly on all mineral waters. The new prices will be advanced to cover not only the increased cost of sugar, but the recent increases in wages, which have been doubled throughout the trade. A meeting of the manufacturers to decide upon the retail price will be held shortly.

English and Welsh News.

The Editor would be obliged if subscribers would send him marked copies of newspapers containing items of interest for insertion in this or other news sections of the "C. & D."

Christmas Holidays.

The following houses, in addition to those mentioned in our last issue (p. 45), will close from Wednesday afternoon, December 24, to Monday morning, December 29:

Cartwright, W. B., Ltd., Rawdon, Leeds.
Cox, Arthur H., & Co., Ltd., 93 Lewes Road, Brighton.
Goodall, Backhouse & Co., 54 Southwark Street, S.E. 1.
Hay, W., Ltd., York Street, Walworth, S.E., and
Walmsley Street, Hull.
Meggeson & Co., Ltd., New Church Street, S.E. 16.
Morson, T., & Son, Ltd., 14 Elm Street, Gray's Inn Road, W.C.
Woolley, James, Sons & Co., Ltd., Victoria Bridge, Manchester.

THE CHEMIST AND DRUGGIST, 42 Cannon Street, E.C. 4.

The following houses will be closed for stocktaking on the dates mentioned:

Burgoyne, Burbidges & Co., Ltd., East Ham, E.,
December 31.
Cox, Arthur H., & Co., Ltd., 93 Lewes Road, Brighton,
December 29 and 30.
Hay, W., Ltd., London, S.E., and Hull, January 1-3,
1920, inclusive.
Morson, T., & Son, Ltd., 14 Elm Street, Gray's Inn Road,
W.C., December 30 and 31.
Oldfield, Pattinson & Co., Manchester.

The chemists of Newcastle-on-Tyne have decided to close on Christmas Day and that certain shops should also close on Boxing Day. There will be one shop open in each of nine districts. On Saturday the chemists will be open from 9 to 10.30 A.M. only, and on New Year's Day all the chemists will close.

Drug-workers' Strike.

The strike of some 200 "Ucal" workers at Cheltenham came to an end on December 13, the following terms of settlement (drawn up by Mr. Haddock, the company's solicitor) having been agreed to:

(1) The Company will recognise the Amalgamated Society of Pharmacists, Drug and Chemical Workers provided they are not asked to enter into any negotiations with Mr. Gillian personally, and that an undertaking is given by the general secretary on behalf of the Society that in future Mr. Gillian will not interfere in any way, either directly or indirectly, with the Company's employes.

(2) That the Company will give a week's notice from to-day to 50 per cent. of the men, women, and girls engaged by them since the strike, and at the expiration of such notices will replace them from among the strikers, the Company voluntarily offering that amongst those reinstated shall be Mr. Cook and Miss Eva Barnett. The Company will also reinstate as many of the other strikers as they have existing vacancies for, the selection of those reinstated in all cases to be made by the Company.

(3) The Company do not guarantee that any striker shall be reinstated in his or her former employment, but they shall be reinstated in a grade the wages of which are not less than the wages of their former grade.

(4) The Company reserve the right for every employé to join any union he or she may select.

(5) The Company will consider applications from the strikers for future vacancies as they arise without prejudice.

These terms were accepted as a settlement on behalf of the union by Mr. Fred Hawkins (organising secretary), and on behalf of the company by Mr. Harold Miller (managing director).

Guardians' Affairs.

Mr. L. W. Billington, chemist and druggist, has been appointed dispenser at St. Mary's Infirmary, Islington, London, N.

The War Office has agreed to supply the infirmary at Edmonton House from Army supplies, in conjunction with supplies to the military hospital.

The Guardians and officials of the Portsmouth Union lately entertained their officers who have returned from active service, including Mr. B. E. Burridge, chemist and druggist.

The following tenders have been accepted by the bodies named :

Belper Guardians.—Calvert & Son, chemists, drugs.
 Lewes Guardians.—Boots, Ltd., drugs.
 Maidstone Guardians.—Corfe & Son, chemists, drugs.
 Newcastle-under-Lyme Guardians.—Mr. C. J. Wain, Ph.C., drugs and dressings.
 Orsett Guardians.—Jordan Brothers, chemists, Grays, drugs.

Birmingham.

Mr. T. Chase, Ph.C., has removed from Birmingham to Twickenham.

The late Mr. Frederick Knight (Smith, Stone & Knight, paper manufacturers) left estate valued at 179,010*l*.

A Birmingham tradesman, after purchasing a money order for transmission to the United States at a cost of 7*s.*, discovered that he would have saved 2*s.* 3*d.* by taking out two smaller orders to the same amount!

Mr. Charles Grant Robertson, C.V.O., will, it is understood, succeed Sir Oliver Lodge as Principal of the University of Birmingham. Mr. Robertson, who was born in 1869, has achieved distinction as an historian and a geographer.

Mr. Neville Chamberlain, M.P., addressing the Birmingham Business Club on December 15 on the subject of inland waterways, said that the canals should be made toll free, at any rate for a period of years. He also advocated that railway rates should be fixed after consideration of canal rates, so that if it were thought desirable that goods should go by water rather than by land, rates should be so arranged as to render this inevitable. He further suggested the setting-up of a canal committee, which should embrace the railway-owned and the independent canals.

Liverpool.

The ante-Christmas trade in the retail branch up to this mid-week has proved rather disappointing.

R. Sumner & Co., Ltd., have enlarged their Hanover Street premises by acquiring the adjacent block.

Much annoyance is being felt by tradesmen owing to the posting of notices virtually inviting complaints of profiteering.

Much delay occurs in parcels sent from London by some of the carriers, and urgent orders are being marked : "Please forward by parcel post."

Some suburban pharmacists are beset, owing to the coal and copper shortages, with requests for "good pennies" for the automatic gas-meters.

President Liggett ("Rexall") is expected at the Liverpool depot of the company next May. A son of his is studying British methods of business there.

A Liverpool charity, like the Manchester one referred to in last week's *C. & D.* (p. 47), has received an anonymous 20,000*l.* hospital cheque through a London bank.

A striking example of pilfering in transit came before the Liverpool stipendiary magistrate on December 15. In three successive voyages, it was stated, a South Atlantic liner had suffered from depredations to the extent of 4,700*l.*

"You have not seen these goods before; they have just arrived from Berlin." With this introduction, and the use of "v" for "w," a middle-aged traveller is calling at local pharmacies and exhibiting manicure sets. No orders are reported to have been given.

While wholesalers will have, as a rule, holidays from December 24 to the following Monday, retailers find it difficult, save in the purely commercial districts, to close entirely. Food retailers in Southport have declared for a full Saturday opening for the sake of the influx of visitors.

Among the paltry tricks to which local pharmacists are exposed of late is the sending of a couple of children with a sixpence to ask for some article costing a few pence. On receiving the change the children declare that a shilling was tendered. The trick, probably, dates back to the Flood.

In order to get rid one day of a new and troublesome canvasser for orders for side-lines, a local pharmacist declared (rashly and without foundation in fact) : "I have no money to buy goods. I am in arrears with my rent." The canvasser vanished, and the pharmacist has since received a shoal of circulars from moneylenders!

In the central area, Thompson & Capper, Ltd., Hazell & Robson, Ltd., R. and J. Herman. Mr. John H. Robinson, Mr. George Inman and others present seasonably decorated windows, while the suburbs also provide good examples. The arrangements show that in colour-schemes and artistic display the chemist and druggist can hold his own (and frequently excel) among fellow-caterers for public patronage.

Manchester.

Mr. J. T. Tinker has recently acquired the pharmacy at 1,342 Ashton Old Road previously carried on by Mr. C. A. Griffiths.

Mr. C. W. Monk, chemist and druggist, High Street, Pendleton, Manchester, has taken over the Trafford Road branch of John L. Smith, Ltd., chemists.

Mr. J. Watson, Vine Street, Openshaw, has sold his business to Mr. J. Hornby, who has also recently acquired a branch pharmacy hitherto carried on by Mr. C. H. Griffiths at 1,248 Ashton Old Road, Manchester.

At Manchester City Sessions, recently, John Bealey was sentenced to six months' hard labour for breaking into the warehouse of James Woolley, Sons & Co., Ltd., Cheetam, and stealing 10 lb. of opium (*C. & D.*, November 1, p. 51).

A letter has been sent to all chemists in the Manchester area by the secretary of the Manchester Pharmaceutical Association, recommending all-day closing on Christmas Day, and one-o'clock closing on December 26 and 27. It is hoped that pharmacists throughout the area will fall in with the suggested arrangements.

Sheffield.

Chemists will be well advised to keep a stock of small silver for change; it is very scarce locally.

The Pharmaceutical Society's inspector is making his periodical examination of shop certificates here.

The President of our Students' Association, Mr. Israel Best, 55 Brunswick Street, is acting as temporary secretary.

Demobilised students who desire a Government grant should make application at once to the Ministry of Labour, High Street, Sheffield.

The city chemists are, as a rule, intending to close on Christmas Day and Bank Holiday. Many other business houses are closing from Wednesday night until Monday morning.

The Sheffield Pharmaceutical and Chemical Society is recommending chemists to vote for Alderman A. Higgs, J.P., at the election for the retail section of the P.A.T.A. The late Mr. E. C. Higgs, an old Sheffield friend, was Alderman Higgs's brother. They also recommend the election of Mr. N. N. Armitage, Leeds.

Mr. John S. Burnell, chemist and druggist, who was in business at 321 Glossop Road before 1868, is about to retire. Mr. Burnell was apprenticed at Plymouth, afterwards becoming an assistant with Barron, Squire & Co., Bush Lane, London. His hobbies are gardening and old china, both of which his well-earned rest will enable him to develop.

Miscellaneous.

IN THE COURTS.—At Wimbledon, London, S.W., on December 8, a lad named Marchant was placed on probation for a year for stealing 38*s.*, the money of his employer, Mr. Rex Blanchford, chemist and druggist, 76 High Street.

"A CHEMISTS' COSTING SYSTEM."—Will our readers note the following correction in the article under this title printed in our last issue? The paragraph at the beginning of p. 55 should read, "The average rate of profit must be 50 per cent. on selling price for articles costing under 1*s.*"

NEW EXPORT RESTRICTIONS.—The following chemicals are placed on the prohibited list, and licences are required for their export to any destination: Benzol and its compounds and preparations, dimethylaniline, meta-cresol, methylaniline, and para-cresol. Preserved fruit is retained under prohibition, and so are dried figs, raisins (except Californian seeded raisins), and sultanas. Licences are also needed for the export of copra, cottonseed, groundnuts, linseed, palm-kernels, and soya-bean cake, meal, and flour.

BRITISH INDUSTRIES FAIRS, 1920.—While applications for stalls at Birmingham and Glasgow at the Fairs to be held in February 1920 are still being entertained, the space of the London Fair, which, as already announced, will be housed in the Crystal Palace, is entirely allotted. Notwithstanding that the total floor area of the Palace amounts approximately to twenty acres, of which fourteen acres are upon the main floor, applications for space have been much in excess of the available accommodation. In order to make the display as representative as possible it has been found necessary to reduce by about 20 per cent. the dimensions specified by the applicants successful in securing space. After this had been done there still remains a waiting-list of exhibitors in each section, who are ready to step into the breach in the event of any of the firms to whom space has been allotted not being in a position to fulfil their contracts.

SUGAR IMPORTATION.—The Food Controller has authorised the Royal Commission on the Sugar Supply to issue licences under the Sugar (Restriction of Delivery) Order, 1919, whereby persons will be enabled to take delivery of sugar within the terms of this Order. Licences to take delivery of sugar purchased prior to October 31 for delivery after December 27, 1919, will be granted to the first importer, without prejudice to the rationed quantities, on the following conditions: (a) That the purchase was returned to the Commission, on Form H, prior to December 8. (b) That the transaction shall be authenticated by the production of relevant documents. (c) That the sugar shall not be used for any grocery business. (d) That the sugar shall not be resold after December 27 at a price exceeding that authorised from month to month by the Sugar Commission as reasonable for all "free" sugar. Applications for licences should be made by the first importer on Form K and sent to the Sugar Commission shortly before the date upon which the sugar is expected to arrive.

TESTS FOR INK.—During the hearing of a case of alleged forgery at Westminster Police Court, on December 15, Mr. C. A. Mitchell, M.A., F.I.C., was called as a witness for the prosecution. Mr. Mitchell stated that he had long specialised in the study of inks. The documents in this case had been microscopically, chemically, and photographically examined, the greatly enlarged photographs (produced) being taken by transmitted light. The tests showed, by the use of a tintometer, differences in colour in the inks used, and the fact that one had a crystalline structure and the other a granular. He came to the conclusion that the suspected parts of the exhibits and the signature "Bellairs" were written in the same kind of ink—quite different from that of the body of the document. Moreover, in the suspected portions there was a distinctly patchy appearance—due to the ink used containing particles of dirt. The signatures showed the same characteristic, but there was no trace of specks in the ink of the body of the documents, and chemical tests with hydrochloric acid and titanium chloride were also applied, giving a definite contrast in colour results between the genuine and suspected writing. The witness also dealt with the slope aspect of the writing, measured with accuracy by instruments. The defendant was committed for trial.

A RELIC OF LIVINGSTONE.—A case containing surgical instruments which belonged to Dr. David Livingstone is being exhibited at the museum of the London Royal College of Surgeons. The case is of mahogany, with brass fittings. It was bought in 1865 by Dr. Livingstone from Messrs. Hilliard, Glasgow, who made and tied it to his order.

Irish News.

Brevities.

Prichard & Constance (Wholesale), Ltd., have appointed Eppel Bros., 53 Mary Street, Dublin, as sole agents for Amami in Ireland.

Owing to the strike Leonard & Co., chemists, Dublin, have closed their shop in Capel Street and have sold the premises at Henry Street, College Green, and Wexford Street.

At the municipal elections throughout the North of Ireland in January a number of pharmaceutical candidates are to seek office. There have been no municipal elections in Ireland for five years.

The Local Government Board has intimated to the Tralee Infirmary Committee that the proposed bonus to Mr. Dowling, dispenser to the Committee, is illegal, as the salary in question is limited by statute. Several members said it was unfair that other officers should benefit and not Mr. Dowling. It was finally agreed to approve of the bonus, subject to the sanction of the Kerry County Council.

Belfast.

Employers are said to be discovering how much work can be done with their reduced staff, and it will not be surprising if, later on, the number of assistants employed is permanently reduced in certain establishments.

Mr. A. W. Mann, Ph.C., Lurgan, has taken over the business hitherto carried on at 7 Donegall Square North, Belfast, by Mr. David Boyd, who intends to devote his whole attention to his agencies and wholesale sundries at Fountain Street, Belfast. Mr. Mann is retaining his business at Lurgan, but is to reside in Belfast, where he has purchased a house. Mr. Mann's family has received many tributes of goodwill from their friends in Lurgan. The Girls' Friendly Society presented Mrs. Mann with a set of silver flower-vases. Mr. Stanley Mann has been given a wallet of Treasury notes by the choir and congregation of Knocknamuckly Church, and Mr. George Mann has been presented with a Bible and other gifts from the Lurgan Mission Hall choir.

Cork.

Hayes, Conyngham & Robinson, Ltd., Dublin, have announced that, owing to the strike, several branches have been closed temporarily. They hope, however, to make arrangements for an early resumption of business.

At a meeting of the Cork South Infirmary Committee, the tender of the Cork Chemical and Drug Co., Ltd., was accepted for medicines and appliances. Mr. P. J. Fielding, Ph.C., Patrick Street, was awarded the contract for proprietary medicines.

The local press has published a letter from a correspondent who blames the owners of proprietary medicines for the chemists' assistants' strike. The employers themselves, he alleges, have been the victims of high profiteering on the part of the owners of these medicines, and to this they have rather meekly submitted. Speaking with sixteen years' experience, he says that during that time he has not met a single retail chemist who has been able to retire from business, and has known many who have become physical wrecks through long hours and responsibilities. Let the chemists of Ireland, he adds, as a united body, refuse to stock any preparation which does not yield a living profit.

Irish Assistants' Strike.

A meeting of the assistants in Belfast was held on December 9 at the Queen's Island, Mr. R. H. McCandless presiding. The Union has turned down the suggested conference, and the members declare that they will remain out until arbitration is agreed to. The Shop Assistants' Union claim that in addition to their 140 members who are out some forty are being permitted to work in accordance with agreements entered into between employers and the Union. In a statement issued on December 11, on behalf of the Ulster Retail Drug Trade Association (Employers' Section), it was announced

that business is proceeding normally. Offers of assistance have poured in and full arrangements have been made to carry on. Some assistants who were out on strike have applied for reinstatement, but the sanction of the Federation has to be obtained before these can be taken back, and in certain cases sanction has been given to re-engage the men. A meeting of the Federation will be called to consider certain proposals mentioned at an interview with the Lord Mayor of Dublin. The U.R.D.T.A. issued another notice on December 11, signed by I. W. Nicholl, Ltd., J. & H. McRoberts, and John B. Robinson, Ph.C., stating that they are prepared to abide by any settlement come to by the Federation, and repudiating the exploitation of their names by the Assistants' Union. Mr. Robert Kells and Mr. W. T. Gordon also notify that they have given no authority for the use of their names in this connection. The Association's representatives at the conciliation meeting in Dublin on December 15 were Messrs. H. G. Pring and J. C. Culbert, and the assistants were represented by Mr. R. H. McCandless. The Lord Mayor presided, and the meeting ended in a deadlock. The Secretary of the Employers' Federation submitted that they were willing to enter a conference to discuss wages and hours only, the offer being: For boys just out of their apprenticeship, 4s. per week; experienced assistants, unqualified, 60s.; for qualified chemists, 82s. 6d. per week. The assistants declined to withdraw the other demands, so the offer of wages was not considered.

Scottish News.

Brevities.

A Scottish pharmacist who recently broke away from long hours reports increased takings.

Several Scottish wholesalers are compiling new proprietary price-lists to be issued early in 1920.

Mr. Thomas A. Palfrey, chemist and druggist, Alva, has acquired the business of the late Mr. W. Robertson, Alloa.

Mr. Alexander Paterson, chemist and druggist, has acquired the business of Mrs. Innes, chemist and druggist, Buckie.

Mr. Peter Fenton, chemist and druggist, Kirkealdy and Cardenden, has been elected a Fellow of the Chemical Society.

Travellers report slow sales for perfumes and Christmas goods, high prices and harassing proceedings being responsible.

A burglary took place in the early hours of December 16 at the pharmacy of Mr. A. B. Arnott, Cowdenbeath. The burglar was caught.

Mr. John H. Cheyne, chemist and druggist, has purchased the business of Mr. William Reid, chemist and druggist, 100 Holburn Street, Aberdeen.

It is rumoured that manufacturers are now in a hurry to rid themselves of bottles. Has the arrival of the "Made in Germany" brand any connection?

Mr. Arthur G. Glen, chemist and druggist, West Kilbride, has purchased the dispensary of Dr. More, whose prescriptions will in future be dispensed at Mr. Glen's pharmacy.

Considerable propaganda work is being carried on by chemists in the course of business. Panel patients are now realising how grossly unfair has been the remuneration meted out to chemists.

In almost every Scottish newspaper at present one finds the headline: "Are State Dispensaries Coming?" There follows a perpetuation of Board of Health remarks. It is time that the Standing Committee's reply was given the same publicity.

Several firms belonging to the wholesale drug and chemical trade have lately been looking at sites in and around Linlithgow. There are various disused mills on the River Avon, and other unbuild-on sites in close proximity to railway and canal. Linlithgow being

situated midway between Edinburgh and Glasgow, those who have been prospecting proclaim it an ideal spot for works.

The tenth annual report of the British Red Cross Society, Scottish Branch, contains some interesting details concerning the activities of the Society in distributing drugs and dressings. It is mentioned—although this fact does not come quite within the scope of Red Cross work—that in 1916 the quinine used as an anti-malarial prophylactic amounted to 21 tons, representing 66,000,000 5-gr. doses, and that in the early months of 1917 the quantity rose to 5½ tons a month. Red Cross workers, it appears, are to receive assistance in obtaining training in "pharmacy."

Edinburgh.

"If a man is brought before the Tribunal and admits that through a mistake on the part of the assistant a customer was charged too much, is that profiteering?" asks a local paper.

Even in small towns, where it seems impossible for chemists to agree on the question of earlier closing, the progressives are taking the lead and leaving "the last penny" to their *confreres*. The early closing apostle has much to gain and little to lose in the movement.

Considerable discussion is heard in trade circles concerning the "revelations" regarding payment to chemists for insurance dispensing. "I wish," murmured one pharmacist to another, "that old — were alive to-day." "Pooh!" said his friend, "he couldn't have written better letters to the newspapers than those that have appeared." "No," mused the other, "but he'd have gone to the authorities and talked them to death!"

"The Oxidation of Ammonia" was the title of a paper read by Dr. Knox, Glasgow University, at a recent meeting of the Edinburgh and East of Scotland section of the Society of Chemical Industry. A discussion took place at the annual meeting of the section regarding the position of chemicals and scientific apparatus under the "anti-dumping" proposals of the Government, and a resolution was carried expressing the desirability of the advice of the Council of the Society being sought before any new regulations are made.

Glasgow.

There is at present a neck-and-neck race between Glasgow and Edinburgh wholesalers for Scottish orders. So far, Glasgow leads; but an Edinburgh house is a popular second.

A bronze medallion has been placed in Bute Hall, Glasgow University, in memory of the late Sir William Ramsay. At the unveiling ceremony on December 10, an eloquent tribute to Sir William was paid by Professor Henderson.

The third whist-drive of the Glasgow Pharmacy Athletic Club's present season was held on December 9. The prize winners were: Ladies (1) Miss Wood; (2) Miss S. Mackay; ("Booby" prize) Mrs. Duff; Gentlemen (1) Mr. Stewart Drummond; (2) Mr. R. B. Hamilton; ("Booby" prize) Mr. James Dow. Mr. W. Wood Wilson (President) efficiently carried out the duties of chairman. An excellent entertainment followed. It was decided to hold a supper in Sloan's Restaurant, Argyle Arcade, on March 6.

A Scottish correspondent informs us that a movement to promote and inaugurate another international exhibition, to be held at Glasgow in 1922, is now taking definite and concrete shape, and that the members of Glasgow Corporation are showing their active sympathy and support. Glasgow, in pre-war days, had attained widespread fame through the success of such exhibitions periodically held in her midst. Naturally, therefore, the proposal to hold another two years hence is attracting considerable interest, and a number of manufacturers have already decided to exhibit their respective specialties should the 1922 enterprise duly mature.

CHRISTMAS GIFT.—A Keighley dentist has offered to supply the aged people at the workhouse with sets of false teeth as a Christmas gift, and the offer has been accepted.

The Profiteering Act.

TRADERS' ADVISORY BOARD DECLINED.

The Balham and Tooting Traders' Association have written to the Wandsworth Profiteering Committee offering the services of a traders' advisory board to assist in technical matters, but the Committee has decided not to accept the offer. A member remarked that the technical advice the Committee required was very little, and was principally concerned with the ratio of prices.

SITTINGS OF LOCAL COMMITTEE SUSPENDED.

The following resolution passed by the Enfield Profiteering Committee has been forwarded to the President of the Board of Trade and the chairman of the Central Committee:

"Believing that the root of the evil of profiteering lies in the wholesale trade, and that little good is done by the prosecution of retailers in comparatively trivial matters, we resolve to suspend the sittings of this Committee, and urge the Government immediately to take up the matter with the wholesale trade. . . ."

BRADFORD TRADERS' DEPUTATION.

A deputation, representing all the traders' panels recently formed to supply monthly figures as to price variations to the Bradford Profiteering Committee, waited upon the Committee at its first sitting to ask that certain difficulties in business should be fully allowed for in dealing with cases. The deputation also asked for any guidance which the Committee might be able to give as to the basis of profit. The chairman of the Committee said that no definite line of action could be laid down, and that every case would have to be considered on its merits. The Committee had no intention of wilfully handicapping legitimate business.

COMMITTEES DESIRE EXTENDED POWERS.

At a recent meeting of representatives of London Profiteering Committees convened by the Battersea Profiteering Committee, a series of resolutions was adopted asking the Government to grant extended powers. These included proposals that the local Committees should have power to fine tradesmen up to 2*l.* for profiteering, in addition to ordering a refund of any overcharged sum; that the time for lodging complaints should be extended to fourteen days; that Committees should have power to appoint inspectors; and that they should also be empowered to summon before them wholesale firms alleged to be making exorbitant charges or fixing prices for the retail sale of their articles.

NEW POWERS DESIRED FOR CENTRAL TRIBUNAL.

In a recent interview reported in the "Birmingham Post," Mr. Marshall Freeman, barrister and pharmacist, who is a member of the Central Tribunal, said: "So far, the complaints dealt with by the Central Tribunal have come mostly from retailers who have been compelled to move in order to save themselves from proceedings. What is needed is an amendment, either of the Act itself or of the Regulations, which will enable the Central Tribunal upon its own initiative to take up a case against a wholesaler at the instance of any local or appeal Tribunal, and without the necessity for having a formal complaint lodged by the overcharged retailer. Then, and not until then, will the work of the local Tribunals be really effective. I have told Mr. McCurdy so, and I have hope that the necessary amendment will shortly be made."

LONDON APPEAL TRIBUNAL.

The Appeal Tribunal for the County of London under the Profiteering Act has now been fully constituted. The Chairman is his Honour Judge Snagge, and the Vice-Chairman Sir Richard A. Robinson, a past-President of the Pharmaceutical Society of Great Britain. There are thirty-five members, representing the London County Council, the various metropolitan boroughs, the Trade Union Congress, the London Chamber of Commerce, and the National Chamber of Trade. The Food Controller

and the Forage Controller are also represented. There are over thirty appeals waiting to be heard. In a large number of these cases the local Committee has recommended proceedings to be taken before a court of summary jurisdiction. The Secretary of the Tribunal is Mr. R. Bruce Foster, Patent Office, Southampton Buildings, W.C.2.

FREEDOM OF SALE.

In Lambeth County Court, recently, a judgment of considerable importance with regard to profiteering and the freedom of sale was delivered. Plaintiffs, a firm of wholesale glass and china dealers, supplied a customer with a crate of china, which was "seconds" or defective ware. The price was 14*l.*, but for the defence it was maintained that the goods were not worth more than 4*l.* 10*s.* or 5*l.*, and that the wholesale firm had been guilty of profiteering. Defendant, who had only been in business a short time, said he relied on the description of plaintiffs' traveller that the goods were of a better-class quality. Judge Parry said that if it was maintained that there had been profiteering, defendant should take his complaint before a Profiteering Committee, who dealt with such matters, but he knew nothing about Profiteering Committees, and had to administer the law as it stood. From the evidence it seemed as if plaintiffs had done a good stroke of business, and there was no law to prevent them from doing that. A man was allowed to fix any price he liked when selling his goods, and it was for the purchaser either to accept or reject them. Here they had to deal with an ordinary common sale between two parties, and he gave judgment for plaintiffs for the sum claimed, with costs.

Complaints.

BANBURY.—At a recent sitting of the Profiteering Committee Mr. A. E. Fox, chemist and druggist, was ordered to refund 5*d.* to the purchaser of 1 oz. of cloves, for which 9*d.* had been charged, the complainant stating that she could buy them at 3½*d.* and 5*d.* at other shops in the town. Mr. Fox said the right retail price for the finest cloves was 9*d.* per oz., but the cloves supplied in the present case were not of the finest quality, and by a mistake of his assistant an overcharge had been made.

BIRMINGHAM.—At a recent sitting of the Profiteering Committee the complaint against Saunders & Francis, who were stated to have charged 10½*d.* for ¼ lb. of alum (*C. & D.*, November 29, p. 76) was withdrawn.

BOURNEMOUTH.—At a recent sitting of the Profiteering Committee a refund of 1½*d.* was ordered on a charge of 1*s.* 4½*d.* made for two ½-lb. tins of Robinson's Groats.

BROADSTAIRS.—At a recent sitting of the Profiteering Committee a complaint was made concerning a charge of 1*s.* 6*d.* for a 1-lb. tin of "Red Poppy" soft soap, which, the complainant stated, was sold at a cheaper rate by Timothy White Co., Ltd. The respondent having shown that his profit on the soap was 20 per cent., the Committee dismissed the case.

CAMBERWELL.—At a recent sitting of the Profiteering Committee a complainant stated that he had been overcharged by Mr. F. Ellis, chemist and druggist (trading as Charles Gadd & Son), 164 Wyndham Road, S.E. 5, for a baby's comforter, for which he paid 7½*d.* He stated that it only lasted three weeks, and that he had bought a similar one at another shop for 3½*d.* Respondent stated that he had only had the business since last June, and could produce no invoice of the purchase of the comforters. They were part of the stock he took over, and were marked at 7½*d.* each. He understood they cost 6*d.* each wholesale. The town clerk suggested that the parties should meet and settle the difference in price. Respondent: I will stand him a drink if he likes to come outside. (Laughter.) Complainant accepted the offer, and they withdrew, the case being struck out.

DEPTFORD.—At a recent sitting of the Profiteering Committee a refund of 1*d.* was ordered on a charge of 7*d.* made by a tradesman for a tin of Robinson's Groats formerly sold at 6*d.* A prosecution was directed.—At the same sitting a refund of 4*d.* was ordered on a charge of 1*s.* made for ¼ lb. of mustard. A prosecution was directed.

FELINSTOWE.—At a recent sitting of the Profiteering Committee the adjourned hearing of the complaint concerning a charge of 5*d.* made by Mr. H. F. Douthwaite, Ph.C., Hamilton Road, for $\frac{1}{4}$ lb. of linseed (*C. & D.*, December 6, p. 61) resulted in the dismissal of the case.

FINCHLEY.—At the sitting of the Profiteering Committee on December 16, a complaint was made concerning a charge of 2*d.* made by Mr. G. G. Payne, chemist and druggist, 14 Grove Parade, N. 2, for a tin of vaseline. Mr. Herbert Skinner, Ph.C., who appeared for the respondent, put in a price list of the Chesebrough Manufacturing Co., in which (1914) the wholesale price was 7*s.* a gross and the retail price 1*d.*, giving a profit on cost of 71 per cent. and on selling price of 42 per cent. In 1919 the cost was 18*s.* a gross, giving respective profits of 66 per cent. and 40 per cent. Taking relative overhead charges into consideration, this sale gave a net profit of 0.54*d.* The Committee held that Mr. Skinner had made out his case, and dismissed the complaint.

GLASGOW.—At the sitting of a rota of the Profiteering Committee on December 9, Francis Spite & Co., Ltd., chemists, were the respondents in a case in which 1*s.* had been charged, in error for 10½*d.* for a tin of toilet powder. The Committee ordered the company to refund the difference of 1½*d.* to the complainant, and the chairman asked the company's representative to caution his staff so that this would not recur.—Another complaint was brought against Francis Spite & Co., Ltd., at the same sitting, 2*s.* 5*d.* having been charged for $\frac{1}{2}$ lb. of gamgee tissue. The defence, as in the previous case, was that an error had been made. The chairman remarked that the gross profit of the company was on the pre-war basis. A refund of 5*d.* was ordered.

HAMPSTEAD.—At the sitting of the Profiteering Committee on December 16, a complaint was presented by Lady Waterlow concerning a charge of 1*s.* 6*d.* for a 2-oz. bottle of vaseline and 1*s.* for $\frac{1}{2}$ lb. of "feathery" Glanther's salt, the respondent being Mr. H. S. Watson, chemist and druggist (trading as T. H. Bateman & Co.), 223 Finchley Road, N.W. It was stated for Mr. Watson that the charge for the vaseline was the result of an apprentice's mistake, the price being that for the same quantity of white vaseline. Refunds of 1*s.* and 6*d.* respectively were ordered, and a prosecution was directed. An appeal has been lodged.

HENLON.—At the sitting of the Profiteering Committee on December 12, the adjourned hearing of the complaint concerning a charge of 1*s.* 5*d.* made by Mr. T. J. Evans, Ph.C., Finchley Road, N.W., for a box of Pyramid night lights (*C. & D.*, December 6, p. 61) resulted in the dismissal of the case, it being shown the cost-price was 11*s.* 6*d.* per doz. The case was defended by the Chemists' Defence Association, Ltd.

HEREFORD.—At a recent sitting of the Profiteering Committee a complaint was made of a charge of 2*s.* for a pint of methylated spirit by Mrs. W. Golding, the price at other shops being 1*s.* 4*d.* Respondent's manager stated that the rate of profit did not exceed the pre-war rate. They pooled methylated spirit, linseed oil, and turpentine for the purpose of profits, and the pre-war rate was 42½ per cent., and the present profit 57½ per cent. The Committee preferred to consider the methylated spirit separately, and ordered a refund of 6*d.*, but decided not to prosecute.

HOVE.—At a recent sitting of the Profiteering Committee a refund of 6*d.* was ordered on a charge of 1*s.* made for a pint of vinegar.

LEWISHAM.—At a recent sitting of the Profiteering Committee a refund of 5*d.* was ordered on a charge of 1*s.* made for 1 lb. of crushed linseed, which, it was stated, would not "bind" into a poultice. A prosecution was directed. Notice of appeal was given.—At the sitting of the Profiteering Committee on December 11, Mr. L. R. Davies, chemist and druggist (trading as Davies' Drug Stores), 374 Brockley Road, S.E. 4, was the respondent in a complaint of alleged overcharge for a small bottle of saccharin tablets. The case was dismissed.

CITY OF LONDON.—At the sitting of the City of London Profiteering Committee on December 10, a complaint

was investigated regarding the price charged by Boots Cash Chemists (Southern), Ltd., the Arcade, Liverpool Street, E.C., for an 8-oz. bottle of quinine-and-iron tonic. The complainant declared that he was charged 1*s.* 2*d.* for the tonic, which he had previously purchased for 10½*d.* He last purchased from the respondents in August. He did not notice a bill in the shop stating that owing to the dearer prices of drugs an increase in prices had to be demanded. The representative of the respondents said that owing to the heavy rise in cost of drugs, together with the heavier overhead charges and increased costs of labour, Boots Pure Drug Co., Ltd., were compelled to advise all the branches to increase the price of the tonic to 1*s.* 2*d.* The advance had been held over for a long time. As an example of the increased costs, quinine salts had advanced from 1*s.* 11*d.* per oz. in pre-war days to about 7*s.* Bottles, which previously cost 1*d.*, had gone up to 5½*d.* The present profit on the tonic was 22 per cent., while in 1914 it was approximately 50 per cent. The Chairman: How much quinine is there in the tonic, and how much iron, if any? The respondents' representative replied that he had not got the formula, which was a trade secret belonging to Boots Pure Drug Co., Ltd. The latter supplied the tonic to the respondents. The wholesale price of the tonic was 11*s.* per doz., as compared with 8*s.* in pre-war days. Other chemists charged a higher price than that demanded by the respondents. The complainant produced a wholesale price-list, which quoted 8-oz. bottles of quinine-and-iron tonic at 8*s.* 6*d.* per doz. The respondents' representative pointed out that there was no standard for quinine-and-iron tonic and it was possible to make up a bottle of the medicine for 4*d.* One of the most reputable houses in London quoted two prices. Every chemist had his own formula. The Chairman: The Committee are once more driven up against the brick wall that we encounter in most of these cases. We are restricted in our investigation to the actual retail prices, and we cannot go into any question of any undue profit by the wholesaler. Messrs. Boots have two separate companies; one is a wholesale concern, and the other is retail. This complaint is against the retail company, who purchased the tonic at 11*d.* a bottle and sold it at 1*s.* 2*d.*, which obviously is not an unreasonable profit. The Complainant: Is there any means of taking action against the wholesaler? The Chairman: That is one of the things that is being considered by the Wholesale Committee which is now sitting. The respondents' Representative: I am informed that the profit is considerably less than was made in 1914. The Chairman: We do not know that the wholesale company have made an unreasonable profit.—At the sitting of the City of London Profiteering Committee on December 17, a complaint was investigated which had been lodged by the medical officer of health for the City regarding the price charged for lime water by Walbrook Pharmacies, Ltd., chemists, 50 Walbrook, E.C. 4. It was stated that on December 5 the City inspector under the Sale of Food and Drugs Acts was directed by the medical officer to send an agent to make purchases from the respondents' shop. Mrs. Meyes was sent to the shop, and purchased 4 oz. of lime water, for which she was charged 1*s.*, while she also had to pay 5*d.* for the bottle. The agent's story was that when she went to the shop the man behind the counter asked if she was buying for the sanitary inspector, but she evaded the question. She asked how much the lime water was, and was told that it was 5*d.* per oz. She then ordered a shilling's worth, and was charged 1*s.* 5*d.* with the bottle. Later the same day, acting under instructions, Mrs. Meyes went to another shop in the City, where she purchased 16 oz. of lime water for 4*d.*, but in that case she provided her own bottle. Previously the agent inquired at one of the stores in the City what the price of lime water was, and was informed that it was 1*s.* 6*d.* a quart, including the bottle. The medical officer of health called attention to the price-list of Evans Sons Lescher & Webb, Ltd., dated December 1, in which liquor calcis was priced at 1*s.* a gallon. His opinion was that it was against the public interest for 5*d.* per oz. to be charged, and he

estimated that the lime water purchased by Mrs. Meyes from the respondents worked out at about 2*l.* a gallon. The representative of the respondents said he admitted that a mistake had been made. Through an error there had been an overcharge. The respondent company was a private limited liability concern. The lime water in question was purchased from the British Drug Houses, Ltd., at 1*s.* a gallon. In a business in such a place as Walbrook they had to have some minimum price which was charged, as the overhead charges of the place were enormous. The pre-war profits on the sale of lime water were about the same as they were at the present time. The chairman asked what amount was allowed for bottles which were returned, and was told 1*s.* 6*d.* a dozen. The Chairman: Would you allow a refund of 1½*d.* on a single bottle? The Representative: Yes; and you must remember that there is the question of cleaning and breakages to be considered. That would bring the cost-price of the bottles up to 3*d.* each. When a sale takes place we generally reckon that the bottle has been sold. It is not a good habit to take the bottle back. Many customers would not like to have a bottle which had been used before for other medicine. A member of the Committee said the suggestion seemed to be made that it did not pay the respondents to sell anything at, say, less than 9*d.* For things under 9*d.* it appeared that people had better go elsewhere. The respondents' representative said that was not the case. If anyone wanted, say, three pennyworth of Epsom salts he would be served. The chairman asked what lime water was used for, and the reply was that it was prescribed for children and invalids. It was a very unstable preparation, and, while a chemist in Rosebery Avenue would sell pints a day, a City chemist would not sell a pint in a month. Further, when the bottle was opened a few times deposits of lime formed, and the stuff had to be thrown away. A Member: How long have you been in Walbrook?—Two years. If this case had not been taken up this woman would have had to pay 1*s.* 3*d.*?—No. It is very fortunate that it is brought before us?—I would be prepared to give a pint for 6*d.* Mrs. Meyes said that when she asked the price she was told that it was 3*d.* per oz., but that statement was challenged; the respondents' representative declared that what was said was: "The minimum sale will be 3*d.*" The Committee ordered a refund of 8*d.*, and intimated that there would be a prosecution.

LOUGHBOROUGH.—At a recent sitting of the Profiteering Committee a complaint was heard concerning a charge of 1*s.* made by Mr. A. B. Martin, chemist and druggist, for (it was alleged) 1 oz. of liquorice-juice. The respondent was able to show to the satisfaction of the Committee that 2 oz. was the quantity supplied. The case was dismissed.

MANCHESTER.—At a recent sitting of the Profiteering Committee Stocks & Jacklin, Ltd., chemists, were the respondents in a complaint of alleged overcharge for an ointment containing cocaine. Mr. Needham defended on behalf of the Chemists' Defence Association, Ltd. A refund of 5*d.* was ordered.

MARYLEBONE.—At the sitting of the Profiteering Committee on December 16, Allen & Hanburys, Ltd., were the respondents in a case in which 5*s.* 9*d.* had been charged at their Vere Street branch for a tin of Allenburys' rusks. The complainant called attention to the fact that the present price was marked with an india-rubber stamp over the former price (4*s.* 6*d.*), the suggestion being that two profits were being made between the factory and the consumer. Mr. W. H. Quarrell, solicitor, who appeared for the respondents, contended that the suggestion was absurd, in view of the facts concerning the rise in raw materials, wages, and overhead charges. It would not be in the interest of economy to "scrap" thousands of wrappers when an alteration in price occurred, and the use of the rubber stamp was the alternative. Further, there must be uniformity in the marking of packets, for obvious reasons. Mr. F. W. Gamble, Ph.C., a director of Allen & Hanburys, Ltd., gave evidence as to the cost of manufacture, and Mr. W. H. McCallum, chemist and druggist, the company's manager at Vere Street, indicated the profit on the retail

sale at that branch. The Committee found the respondents' evidence conclusive, and dismissed the case.

OXFORD.—At a recent sitting of the Profiteering Committee, an undergraduate complained that on November 20 he purchased from Mr. F. L. K. Loxley, Ph.C., St. Giles's, 100 tablets of saccharin (each containing 0.3 gr. of saccharin), for which he paid 1*s.* 6*d.*, whereas for the same strength and number of tablets he paid 9*d.* at Boots'. For a small tin of coconut oil he was charged 3*d.*, and for a large tin at Boots' he was charged 2½*d.* Dr. H. F. Galpin, who appeared for the respondent, said that the profit was much less than was made before the war, and that other chemists whom he would call were selling the same article at the same rate. Mr. Loxley, giving evidence, said that his gross profit on these tablets prior to the war was 48 per cent. They cost to-day 10*d.* and he sold them at 1*s.* 6*d.*—gross profit, 44 per cent. His establishment charges were much higher, so that the difference in percentage did not entirely represent the difference in profit. His establishment charges were 25 per cent. higher. He gave 9*d.* per lb. for coconut oil before the war and sold it at 2½*d.* per tin. He bought it to-day at 1*s.* 6*d.* per lb. and the tins were 10½*d.* per dozen. By Mr. Maitland: The reason why Boots, Ltd., sold the saccharin cheaper was that they were manufacturers and were assisted by the Government during the war. Mr. C. Bellamy, Ph.C., High Street, gave confirmatory evidence. The chairman said they considered this case did not come within the provisions of the Act. They would therefore dismiss it.—At the same sitting, a complainant stated that on November 8 at Boots', Carfax, he was charged 2*s.* for a packet of bismuth-and-soda tabloids, while he bought a similar make and size at Mr. Clayton's, Cowley Road, for 1*s.* 6*d.* He produced both bottles, which he said contained 100 tabloids and were manufactured by Burroughs Wellcome & Co. Mr. E. S. Waring, chemist and druggist, who appeared for the respondents, said there was a note on the firm's receipt form inviting customers to write to the head office in Nottingham in the event of a complaint, and he wished Mr. Fletcher had done this. Mr. W. B. George, chemist and druggist, the local manager, said that he had a letter from Nottingham on November 24 telling him to reduce the price to 1*s.* 6*d.*, and on that day the price was altered. Mr. Waring: How many of these bottles of tabloids do you order at a time?—From ½ doz. to ½ doz., as the sale is very small. Mr. Waring said that the point he wished to emphasise was that this had been a really honest mistake due to there being two kinds of tabloids bearing the same name, but of different strengths. The chairman said the Committee would order 6*d.* to be returned.

PADDINGTON.—At the sitting of the Profiteering Committee on December 12, Mr. W. McEwen, chemist and druggist, 17 Craven Road, W. 2, was the respondent in a complaint concerning a charge of 1*s.* 3*d.* for ¼ lb. of cream of tartar. Mr. C. H. Kirby (Neve, Beck & Kirby) defended on behalf of the Chemists' Defence Association, Ltd. The Committee dismissed the case.—At the same sitting Morton's Cash Chemists, Ltd., were the respondents in a case in which 2*s.* had been charged for ¼ lb. of cream of tartar. The case was defended by the Chemists' Defence Association, Ltd. It was shown in evidence that the article was purchased at a high price. The Committee dismissed the case, but intimated that inquiries would be instituted concerning the wholesale price.

STAINES.—At a recent sitting of the Profiteering Committee, Drs. Batchelor and Dale were the respondents in a case in which it was alleged that 2*s.* was charged at their surgery for a box of ointment formerly priced at 1*s.* Mr. H. Dale, solicitor, representing the respondents, contended that the case did not come under the Profiteering Act. The doctor who attended the complainant's family prescribed the ointment, and the prescription was in the doctors' books, and had never once been in the hands of the complainant. The chairman said the Board of Trade had informed them that this was a case the Committee could decide. Mr. Dale said that possibly they were looking upon it as they would a chemist's case. This ointment, however, was not a proprietary article. The chairman asked the complainant if

the chilblain ointment was any good. The Committee, without ruling whether the case came under the Act or not, dismissed it.

TORQUAY.—At the sitting of the Profiteering Committee on December 10, a complaint was made by letter that a 1-oz. bottle of essence of peppermint had been purchased at a chemist's shop for 2s. 9d., the purchaser having previously purchased a similar quantity at two other shops for 1s. 6d. The chairman said it all depended what the essence was made from and its strength. If it was made of foreign oil it could be obtained at a much less price than if made from English oil. It also depended on the amount of oil. The chemist who sold the essence ought to be told of the complaint, and asked what was its strength and whether it was made from foreign or English oil. The Sub-Committee resolved to take the course suggested by the chairman.

WALTHAMSTOW.—At a recent sitting of the Profiteering Committee a complaint was presented concerning a charge of 4d. for 1 oz. of boric lint and 1s. 6d. for a tooth-brush. The respondents being Gaze & Co., chemists, Higham's Park. Mr. C. H. Kirby (Neve, Beck & Kirby), who defended on behalf of the Chemists' Defence Association, Ltd., read to the Committee the letter recently sent by the Board of Trade to the Maidstone Chamber of Commerce (*C. & D.*, December 13, p. 50). The case was adjourned in order that the Board of Trade might be consulted.

WALTON-ON-THAMES.—At the sitting of the Profiteering Committee on December 12, Mr. F. Cherry, Ph.C., High Street, was the respondent in a case of alleged overcharge. Mr. Alfred Higgs, J.P., treasurer of the Thames Valley Pharmacists' Association, appeared for Mr. Cherry. The complainant said that on November 8 he went into Mr. Cherry's shop and purchased 1 oz. each of cod-liver oil and iron wine, for which he was charged 1s. 5d. For similar quantities of the same articles another chemist (Mr. W. Power) had charged him 9d. Mr. Higgs, as a preliminary objection, contended that there was no case against Mr. Cherry, because he was not the seller, the Pharmacy Act ruling that the seller was the person who actually effected the sale. In this case it was admitted that Mr. Cherry had not, and he could not be held responsible for the mistake of his assistant. The Profiteering Act had not defined a seller except in Section 1, subsection 9: "'seller' includes any person offering to sell"; so he would refer to other statutes. In the Sale of Goods Act, 1893, a seller means "the person who sells or agrees to sell." Section 15 of the Pharmacy Act, 1868, had been a subject for decision in the High Courts, and it had been held, in the *Pharmaceutical Society v. Wheeldon*, that "the seller is the person who actually effects the sale." This judgment had been upheld in a later case under the Act of 1908, *Pharmaceutical Society v. Nash*, when it was decided that the unlicensed servant of a person licensed to sell poison could not sell on behalf of the licensed seller. Mr. Higgs pointed out, assuming the seller not to be the person who actually effects the sale, what an injustice might be done to an employer by an employé, either through gross carelessness or malice. Again, in the Profiteering Act, Section 4, power is given to local authorities to purchase and sell on a commercial basis. In that case, local authorities have to employ assistants for so doing; could it be said that in event of the employé being guilty of offences under the Profiteering Act, the Mayor and Corporation (or, at Walton-on-Thames, the chairman and councillors of the Urban District Council) would be subject to penalties, including imprisonment? If, in this instance, the assistant had made a mistake and served a potent poison in lieu of iron wine and the complainant had lost his life, who would be the person arraigned before the court for manslaughter? The actual seller would be criminally responsible, although of course the proprietor would be civilly so. Mr. Higgs further stated that he had noticed that a Profiteering Committee had decided that the employé who actually sold an article at a profiteering price was the seller, and ordered a prosecution—but in that instance it was proved before the magistrates to be a genuine mistake, and the case was dismissed. The chairman said he was against Mr. Higgs on this point. The Profiteering Act

put a different construction on the matter from the Pharmacy Act. That view was to a certain extent judicially confirmed. He did not rely upon that, but rather upon his own construction of the Act. Mr. Higgs submitted that it was not a case of profiteering, as the profit made was not in excess of that made on similar articles in pre-war days. He put in figures to show that the cost price of cod-liver oil at the present time was as nearly as possible 2½d. per oz., while it cost over 4d. per oz. to manufacture iron wine. The total cost was 6.74d. The profit was 60 per cent. of the selling price, as compared with 66 per cent. in pre-war days. In reply to a question from the chairman as to the average profit, Mr. Higgs said he could not say altogether, but it would be about 50 per cent. They sold several proprietary articles, for which they had to charge a fixed price, and the profit was a mere bagatelle—8 or 10 per cent.; on other things they gained more—a case of "swings and roundabouts"—or they would be in the hands of the Official Receiver in a very short time. He contended that Mr. Cherry was entitled at the present time to charge 1s. 7d. for 1 oz. cod-liver oil and 1 oz. iron wine. Mr. Cherry gave confirmatory evidence. The chairman read a portion of a letter which Mr. W. Power, chemist and druggist, had sent to Mr. Cherry, in which it was stated that the price of cod-liver oil had increased 500 per cent., and that of iron wine 100 per cent., on pre-war prices. Mr. Power, giving evidence, said that 9d. for the two articles was the pre-war price, but admitted to the chairman that since writing the letter he had sold them for 10d. By Mr. Higgs: He had lost by selling at that price, and the price at a pre-war profit should be 1s. 5d. Mr. W. M. Tims (Cobham) and Mr. F. J. Plomley (Kingston-on-Thames) were also called for the defence. The chairman announced that the Committee had come to the conclusion that there had been an overcharge, and ordered Mr. Cherry to refund 7d. Mr. Cherry: If that is the margin of profit allowed, the chemists' shops in the kingdom will be closed in six months, and I can bring abundant evidence to prove it. An appeal has been lodged.

WANDSWORTH.—At a recent sitting of the Profiteering Committee, a complainant stated that at one of the local shops of Boots, Ltd., she had been charged 1s. 4d. instead of 1s. 2d. for a bottle of cod-liver oil. A letter was received from the company stating that the error was made by an assistant, who had just been demobilised and depended upon memory. They expressed regret and forwarded 2d. in stamps to cover the overcharge. This letter with the stamps was sent to the complainant, and a reply was received from her husband, who stated that he regarded the matter as one of great importance affecting the health and lives of children. It was decided to investigate the case.

WILLESDEN.—At a recent sitting of the Profiteering Committee a refund of 1d. was ordered on a charge of 7d. made for a pint of vinegar, and a prosecution was directed.

Prosecutions.

At St. Pancras Petty Sessions, London, recently, W. S. Chapman & Co., Ltd., grocers, were fined 25s., with 5s. costs, for having sold 1 oz. of cloves for 5d.—At the same Court, John Adams, grocer, Brecknock Road, was fined 2l. 2s., with 3l. 3s. costs, for having charged 1s. 8d. for a 1-lb. packet of Monk & Glass custard-powder.

At Willesden Police Court, London, on December 13, Lewis & Burrows, Ltd., chemists, were summoned by the Willesden Profiteering Committee for selling, at 229 High Road, Kilburn, N.W., a vacuum-flask cork at an unreasonable profit. The solicitor for the Committee said that 6d. was charged for the cork, and defendants admitted that the cost was 3s. 9d. per doz. The purchaser said that she purchased an equally good cork from another chemist for 2d., and took it to the Committee; unfortunately it was lost. She produced another she had purchased for 3d., but the magistrate, after inspecting it, remarked, "It is not as good as the one you paid 6d. for." The managing director of the company said that he relied on the clause in the Profiteering Act which per-

mitted the retailer to make as large a profit on an article now as before the war. Before the war these corks cost 3s. per doz., and were then sold at 6d. each, showing a larger profit than now. He called expert evidence to show that all chemists' sundries were sold at 100 per cent. profit in pre-war days. As a matter of fact, their profit on the Kilburn branch of the business last year was 1 per cent. less than in 1915. The magistrate said he did not think the Committee had made out a good case within the meaning of the Act, and dismissed the summons.

At East Ham Police Court, on December 16, Mr. William John Tilton, chemist and druggist, 213 High Street North, E. 6, was summoned for having charged 5d. for 1 oz. of cream of tartar. A refund of 2d. had been ordered by the East Ham Profiteering Committee (*C. & D.*, November 15, p. 48). Mr. C. Edwards, who appeared for the defendant, applied for an adjournment on the ground that an appeal from the Committee's decision had been lodged. Mr. R. Oliver, for the Committee, asked the magistrate to give a decision as to whether proceedings had to wait until after an appeal had been heard. The Appeal Tribunal, he said, seldom met. Mr. Edwards suggested that no hardship would be caused if the summons was issued in the ordinary way and then adjourned. Mr. Oliver: It does not meet the question of the increasing difficulty of getting evidence owing to lapse of time. The magistrate said that a person might be "shot at" four times and two decisions be given, one of which might be abortive. A magistrate was entitled to enforce a penalty; the Appeal Tribunal could merely say whether there should be a prosecution or not. Mr. Oliver: There is no appeal against their decision. If you think we have no right to prosecute, or even issue a summons, if there is an appeal, I shall respectfully ask you to state a case. The magistrate decided that there was nothing to prevent him hearing the case at once. Mr. Oliver consented to an adjournment as an act of grace.

—At the same Court, Boots Cash Chemists (Southern), Ltd., were summoned for having charged 1s. 6d. for a "Perfectum" feeding-bottle at 384 Green Street, Upton Park. A refund of 3d. had been ordered (*C. & D.*, November 1, p. 55). Mr. R. Oliver, for the prosecution, stated that the wholesale price of the bottle was about 10d. Mr. A. M. Bramall, for the defence, said that Boots Pure Drug Co., Ltd., supplied the Southern Co. The cost of a bottle delivered at the shop was practically 1s., and the price that the article should have been sold at was 1s. 3d. A representative of defendants said that it was entirely against their wishes that 1s. 6d. should be charged for the bottle. The manager of the shop said that there were ten or a dozen people in the shop at the time of the sale—a Sunday evening. He promised the purchaser to go into the matter on the next morning. The magistrate said that it was admitted that 3d. too much was paid; but he did not think there was a deliberate act of profiteering. There were mitigating circumstances, and he would impose a nominal penalty of 20s., and allow 3l. 3s. costs. In reply to Mr. Bramall, the Magistrate said that he could not state a case.

—At the same Court, Parke's Drug Stores, Ltd., were summoned for having charged 2d. for $\frac{1}{2}$ oz. of precipitated chalk at 267 High Street North (*C. & D.*, November 15, p. 48). The defendants were not represented. It was stated in evidence that an assistant at the shop charged the 2d. in question after referring to another assistant. Mr. Horace John Neeson, chemist and druggist, 680 Romford Road, E. 12, giving evidence, said that the price of precipitated chalk was about 1d. per oz.; a charge of 2d. for $\frac{1}{2}$ oz. was out of the question. A penalty of 4l., with 3l. 3s. costs, was imposed.

A MEDICAL VIEW.—A medical contributor to "The Observer" of December 7 concludes his remarks as follows: "A doctor is a teacher. The druggist dispenses drugs; the doctor dispenses doctrine." Perhaps it would have been safer—seeing that, apparently, pharmacists have no real existence—to say that the doctor dispenses doctoring.

Poisonings.

THE following fatal cases of poisoning have been recorded since our last report:

At Park Royal Camp, London, W., on December 14, a lance-corporal named Henry died from drinking cress in mistake for stout.

At Kimberley, on December 13, Dr. Thomas G. Percival, a medical practitioner, was found at his home with an uncorked bottle containing a preparation of ammonia beside him. Evidence given at the inquest showed that the doctor had drunk the liquid in mistake for a bismuth mixture; a verdict of "Death from misadventure" was returned.

At Cooper's Hill, Gloucester, on December 16, an inquest was held on the body of a boy aged two. An analyst stated that the only deleterious matter found in the stomach was a teaspoonful of eucalyptus oil, which, it was presumed, had been sucked by the child from a handkerchief. This was stated to be the first case on record of poisoning by eucalyptus oil. [The annual reports of the Registrar-General for England and Wales show that a case of accidental poisoning by eucalyptus oil occurred in 1915.—ED.]

At Barnsley, on December 15, an inquest was held on the body of Mary A. George, a nurse. Medical evidence showed that the deceased admitted taking "some pills and a drug," and that death was due to irritant poisoning. Mr. Arthur W. Lewis, chemist and druggist, Wombwell, stated in evidence that he had supplied the deceased with drugs since she came into the district. He had no suspicion but that they were being used for professional purposes, and the last supply given to her was about eight weeks ago. Witness said it was not necessary to keep a register of sales and drugs to nurses. The jury returned a verdict of "Felo de se."

An inquest was held at Carshalton, on December 17, on the body of an infant named Thorpe. The evidence of the mother showed that, after giving the baby a tablet obtained from a local doctor's surgery, it died within a few minutes. The doctor stated that he had prescribed a $\frac{1}{2}$ -gr. calomel tablet. Mr. Richard Glode Guyer, Ph.C., superintendent of the laboratory of the manufacturing firm (the name of which was not mentioned in court), said the ingredients were weighed before going into the manufacturing room, where they were re-weighed and checked. It was reported to him that a packet of tablets was missing, and had not been seen since December 4. He tried to find it by testing all the tablets made from December 1, but without avail. As soon as he heard of the fatality he tested one of the tablets which had been left over, and he had no hesitation in saying strychnine was used in the manufacture of the tablets supplied to Dr. McDougall. Adam Eagle, a foreman in the tablet-making department, said it was his duty to test the ingredients. He did not do this, as on this occasion they were not brought to him, and he did not notice they were in process of manufacture. He had a tablet given him on the following morning, and on weighing it found it correct. The Coroner: You knew these tablets were going out to the consumer without being checked; and I want an explanation. Mr. Guyer said the foreman was busy in another department and overlooked the fact that these tablets were actually being made. The Coroner: That is what I thought. It is very disquieting to think that there are people making these tablets who do not properly attend to their duties, and allow poison to get in. Mr. Guyer said the machinery for testing and checking was as complete as it could be, but unhappily the human equation entered into this case with very sad results. The jury returned a verdict of "Death from misadventure," and exonerated Dr. McDougall from all blame. They thought Eagle was deserving of severe censure. Mr. Guyer said the company had arranged for a properly qualified chemist to take his place. The Coroner commented on the very frank manner in which the company had tendered their evidence.

Legal Reports.

Venereal Disease Act, 1917.—At Newcastle, on December 16, the following persons were found guilty of unlawfully treating venereal diseases, and were each fined 100l.: Minnie Jobson and Herbert Jobson, herbalists; David Swaan, a Dutchman, truss maker; Mauritz van der Velde and Cyril Beauclark, surgical-instrument makers.

Albumen Dispute.—In the City of London Court, on December 16, before Judge Atherley-Jones, K.C., Messrs. Kapp, Ltd., wholesale confectioners, 3 Church Row, Aldgate, claimed 28l. 5s. 5d. against Jacob Bros., 7 Hessel Street, Commercial Road, for one case containing 1 cwt. 6 lb. of albumen at 4s. 9½d. per lb. Mr. Landau appeared for the plaintiffs, and Mr. Cohen for the defendants. Mr. E. B. Kapp, one of the plaintiffs, said that on October 13 he sold the albumen to the defendants, and the terms were *ex wharf* prompt cash against delivery order, as per sample submitted. An invoice was sent to the defendants and a delivery order, so that they could get the goods. Defendants now said that the person who signed the order had no authority to do so, and that the albumen was mixed and not pure. Mr. Landau said that the plaintiffs did not guarantee that the albumen was pure. Judgment was given for the plaintiffs, with costs.

Starting an Agency.—In the City of London Court, on December 16, before his Honour Judge Atherley-Jones, K.C., a claim was made by Arnold & Sons, surgical-instrument manufacturers, 6 Giltspur Street, E.C., against Mr. H. Walls, Winfield Grove, Leeds, to recover 20l. 10s. 6d., the value of surgical instruments, etc., supplied. Defendant wrote to say he was too ill to come to the Court. Mr. Hawtin, plaintiffs' counsel, said they wanted to start an agency for the sale of their goods among chemists in Leeds, and the defendant offered his services on July 12. Plaintiffs sent the defendant a list of articles they wanted him to sell, and afterwards the samples themselves. Defendant was to have a commission of 10 per cent. on the sales. The samples were sent at the defendant's own request. At first they could not get any acknowledgment that he had had the samples. On October 30 defendant wrote to the effect that the goods were of no use to him, and he was not going to carry them about. Defendant determined the contract, and said he had returned the samples during the railway-strike week. They had never come, and although there was no evidence of it, plaintiffs had reason to think that the defendant had disposed of the goods. Plaintiffs had asked defendant to give proof of the return, but without avail. Judge Atherley-Jones, K.C., found for the plaintiffs for the amount claimed, with costs, saying he would not act on the letter.

Importation of Pyrogallol.—A considered judgment was delivered on December 17 by Mr. Justice Sankey, in the King's Bench Division, in the case of the Crown v. Brown & Forth regarding an application by the Attorney-General for a declaration that the forfeiture by the Customs authorities of six cases of pyrogallol acid which was consigned to Brown & Forth, Dolefield, Manchester, from the United States (*C. & D.*, November 29, p. 75). In his written judgment, Mr. Justice Sankey said it had been argued by the Attorney-General on behalf of the Crown that he was entitled to a declaration for the forfeiture and seizure of the six cases of pyrogallol acid which had been consigned to the defendants. It appeared by a Proclamation known as the Prohibition of Imports Proclamation, 1919, the Crown, purporting to act under Section 43 of the Customs Consolidation Act, 1876, prohibited the importation into the United Kingdom of chemicals of all descriptions, except under licence. Section 43 provided as follows: "The importation of arms, ammunition, gunpowder, or any other goods may be prohibited by Proclamation or Order in Council." On August 29 last an official of the Customs and Excise at Manchester seized the six cases in question, which has been brought over from America by ship without a licence. Correspondence took place at considerable length between

the defendants and the Customs people, and the former pointed out that the acid was ordered by them from a chemical company in Canada on June 17, which was a date before the regulation in question was enacted, and they asked for the release of the goods at once. They added that they had paid the chemical company in Canada for the acid in Canadian dollars, and it was for the chemical company's convenience that the goods were shipped from New York instead of Canada. In reply, the Customs authorities said if the defendants would prove that the goods were of Canadian origin they would give an order for their release. The defendants were unable to give the necessary proof, and therefore for the purposes of that case it would have to be assumed that the goods came from America, and were therefore not within the general licence that existed for the importation of goods from British Dominions. Proceedings were commenced, at the instance of the Attorney-General, asking for forfeiture of the goods, whereupon the defendants took up the position that the Proclamation under which the Customs officers acted was of no legal force and effect. The argument for the Crown was, proceeded his Lordship, that the words in Section 43 meant what they said, and that his Majesty was entitled to prohibit the importation of goods of any sort or description into this country. On behalf of the defendants it was contended that the familiar rule of construction known as *ejusdem generis* should be applied to Section 43, that general words following particular words should not be narrowed, and that the section should be read so that the general words should be construed to mean the same as the particular words—viz., goods of the same sort as arms, ammunition, and gunpowder. Further, the defendants contended that in any event the Proclamation was bad because of the exercise of dispensing power, and there was no right in his Majesty to make exceptions in the class of goods not to be imported. He could prohibit the import of goods altogether, but he could not prohibit the importation from one country while allowing it from another. It was not the present Government, went on his Lordship, that initiated the system of prohibition of imports by Proclamation, nor was it they alone who claimed the right to do so. The practice had sprung up during the war, and this Proclamation was the thirty-second of its kind. But during the war some practices had been tolerated which would not be tolerated in times of peace. The Attorney-General, however, had not shrunk from the consequence of his argument, and had admitted that if he were correct it was equally open to the Executive of their own motion to prohibit the importation of meat and corn into this country from certain countries while allowing those things to come in from other countries. At the same time, he pointed out that it was easy to put grotesque cases, but it must always be assumed that the Executive would act reasonably. That argument, said his Lordship, seemed to beg the question, for it was not whether the Executive would exercise their prerogative reasonably, but whether it had any such power at all, and in the circumstances it was not immaterial to consider the magnitude of the power alleged to be conferred. The case turned on the construction of the section, and whether the point of the Attorney-General that the Executive had absolute power was correct. His Lordship then went through the facts which led up to the passing of the Act of Parliament from which the section had been taken, and said that Parliament at that moment signed the Magna Charta of Free Trade. Could Parliament at the birth of Free Trade have intended to confer an absolute power of prohibiting imports of any article, and to do so only by the addition of a few words at the end of a category of particular words? There would appear to be every reason why they should not do so, and no reason why they should. If Parliament had wanted to confer power to prohibit importation of all goods, they need not have used any particular words, but might have said generally that the importation of all goods could be prohibited. For these reasons he was of the opinion that the *ejusdem generis* rule must be applied to the construction of Section 43, and that the general words must be applied to the construction of Section 43, and also that the general words must be restricted to the meaning of the particular words.

These words "any other goods" meant arms, ammunition, and gunpowder. The Attorney-General had also argued that he was entitled to succeed on the ground that pyrogallac acid was of the same class of goods as arms, etc. He had been instructed to argue that the acid was used in photography, and photography was used for war. It might be just as well quoted, said his Lordship, that for the same reason bread and meat could be prohibited from importation because they were used to feed soldiers; in fact, it was hard to conceive any article that was not used in modern warfare. Consequently, his Lordship, on the facts and law, found that this acid was not of the same class as the articles mentioned in the section. Finally, it must be recollected that the section was a penal one, and must in consequence be strictly construed. In his view, therefore, it would not be proper to hold that Parliament intended to impose the penalty demanded in this case by words which were uncertain and equivocal. He came to the conclusion that his Majesty had no power to make the Proclamation in question and that it was illegal and invalid. He therefore gave judgment for the defendants, with costs. Leave to appeal was allowed on terms.

New Companies and Company News.

P.C. means Private Company and R.O. Registered Office.

A. MAITLAND & Co., LTD. (P.C.).—Capital 2,000/. Objects : To carry on the business of chemists, druggists, etc. The subscribers are : J. D. Kienel, 8 Torrington Place, W.C.1, chemist and druggist, and H. C. Walton, Chalfont St. Peter, Bucks, chemist and druggist.

KA-NAG-RA Co., LTD. (P.C.).—Capital 1,000/. Objects : To carry on the business of manufacturing and wholesale and retail chemists or druggists, etc. The directors are J. Bloomfield, 4 Fernwood Road, Newcastle-on-Tyne, merchant; and J. Wealleans, 26 Glenlithorne Road, Jesmond, Newcastle-on-Tyne, dental mechanic. R.O. : 4 Fernwood Road, Newcastle-on-Tyne.

GARNETT PICKLES PREPARATIONS Co., LTD. (P.C.).—Capital 3,000/. Objects : To carry on business as chemists, druggists, drysalers, oil and colour men, manufacturers of and dealers in photographic, surgical, electrical, and scientific apparatus and materials, etc. The first directors are : T. H. Bailey, 25 Windermere Avenue, N. 3, chemist; R. Garnett Pickles, 7 Kings Parade, N. 3, chemist; R. A. F. King, and L. A. Moores. R.O. : Cromwell House, High Holborn, London, W.C. 1.

METHYLATING Co., LTD. (P.C.).—Capital. 750,000/. Objects : To carry on the business of manufactures of industrial and mineralised methylated spirit and finish, manufacturers of all kinds of denatured spirit, etc. (not including the denaturing of alcohol for the purposes of power or fuel, except with the consent of such of the members for the time being as are distillers). Directors : W. H. Ross, R. F. Nicholson, T. H. Board, W. T. Alexander, H. White, R. Spittall, H. C. Preston, and T. Shelley. R.O., 13 Harrington Street, Liverpool.

LOYD HALL & PROVAN, LTD. (P.C.).—Capital 10,000/. Objects : To take over the business carried on at 27-29 Green Lane, Small Heath, Birmingham, by H. O. Lloyd, and to carry on the business of chemists, druggists' sundriesmen, drysalers, oil and colour men, etc. The governing directors are : H. O. Lloyd, Feronia, Alderbrook Road, Solihull, manufacturing chemist; G. E. Hall, Lynwood, Campbell Road, Swinton, Manchester, traveller; and H. D. Provan, Lindhurst, Warwick Road, Solihull, manufacturing chemist. R.O. : 27 Green Lane, Small Heath, Birmingham.

THE EDWARDS' DENTAL MANUFACTURING Co., LTD., announce the payment of a dividend at the rate of $7\frac{1}{2}$ per cent. per annum.

G. B. KENT & SONS, LTD., have declared the usual dividend at the rate of $5\frac{1}{2}$ per cent. per annum upon the cumulative participating preference shares for the six months ended September 30, 1919.

Almanacs and Calendars.

We have received several almanacs, calendars, and other publications that wholesale houses and retail chemists distribute at this season. The standard of excellence is fully equal to that of past years.

ALLEN & HANBURY, LTD., Bethnal Green, London, E. 2, publish a wall calendar (15 in. by 12 in.) of unusual finish and distinction. Above the tear off portion is a striking reproduction, in colour, of a painting by Gabriel Nicolet that appeared in this year's Royal Academy exhibition. The sole rights in the picture, which represents a nurse knitting as she watches by a bedside, have been secured by Allen & Hanbury, Ltd. The whole of the colour-printing and the other processes involved has been done at Messrs. Allen & Hanbury's Bethnal Green works. An impression of 120,000, printed with "own names," has already been exhausted.

LUDFORD & Co., glass-bottle manufacturers, Brooksby's Walk, London, E. 9, send out a clearly printed wall-calendar (10 in. by 7 in.) having the twelve months apportioned between six leaves. Each leaf has humorous print, in colour, illustrating a business maxim.

RIDLEY'S ALMANAC, 1920, is a handy book of 56 pages (8½ in. by 5½ in.), issued, for the twenty-seventh year, by T. Ridley & Son, chemists, Carlisle. An interesting account of the Border Regiment precedes a well-arranged list of the firm's proprietaries, and the balance of the reading matter is made up chiefly of medical and other hints for use in the household, including, wisely, a page devoted to "What to do in cases of poisoning."

FREDERICK STEARNS & Co., Detroit, U.S.A., issue a wall calendar with, as its central portion, a study in colour, from life, of a young girl holding a bunch of daffodils. The calendar, which contains a tear-off portion, measures 17 in. by 9½ in.

Organising the Drug-trade.

N.A.C.A. Meetings.

At a meeting of the National Association of Chemists' Assistants (Leeds branch), held on December 9, resolutions were passed in connection with the age limit and regulations affecting apprenticeship. The Hours of Employment Bill was also discussed.

A MEETING of the National Association of Chemists' Assistants (Bristol branch) was held on December 2, Mr. Wills in the chair. A protest was made against any lengthening of hours unless proved necessary in the public interest. Messrs. Davis, Coward, and Sargent were appointed as delegates to meet the employers and discuss the matter, and a resolution was passed inviting the employers' Association to confer with them. It was pointed out that under the Forty-eight Hour Bill managers, and persons in responsible positions, were excluded from its provisions, and it was decided that the secretary should write to the local members of Parliament urging them to endeavour to have this altered. The secretary then gave a brief report of the recent Executive meeting.

Boots, Ltd, Lancashire Assistants' Meeting.

A MEETING of the qualified managers and assistants in the Lancashire shops of Boots, Ltd. (with representatives of the unqualified staff), was held recently at the Grosvenor Hotel, Manchester, when it was decided to organise. Intimation was sent to Sir Jesse Boot that the salary question was the primary consideration. An executive committee was appointed to consider the reply of the directors.

For the massage of chilblains, French chalk, fine oatmeal, or olive oil is recommended.

"SURGICAL APPLIANCES" is a new illustrated monthly journal devoted, as its name indicates, to matters of interest to surgical-instrument manufacturers. It is published at 40-43 Fleet Street, London, E.C. 4.

Westminster Wisdom.

By the "C. & D." Parliamentary Representative.

PROFITEERING ACT (CONTINUANCE) BILL.

The Profiteering Act expires on February 11, and, as Parliament will not be sitting then, Sir Auckland Geddes on December 16 introduced the Profiteering Act (Continuance) Bill, "to extend the duration of the Profiteering Act, 1919." No amendment of the terms of the Act is contemplated, and the law on the subject will remain in precisely its present form unless and until the Government next session determine that amending legislation should be introduced. The single operative clause of the Bill provides that the Profiteering Act shall continue in force until May 19, 1920.

RENTS OF BUSINESS PREMISES.

Lieut.-Colonel Dalrymple White, on December 15, asked the Prime Minister whether instances have been brought to his notice of landlords demanding from tenants of shops and business premises, on extension of lease, rents four or five times higher than the rents which these have hitherto been paying; whether such premises are sometimes sold over the head of the tenant without the latter having had an opportunity of offering for the same; and whether he will introduce legislation to secure some form of arbitration in such cases?

The Prime Minister replied: The answer to the first part of the question is in the affirmative. The question of introducing legislation to deal with this grievance will be considered. Meanwhile particulars of cases of hardships should be forwarded to me.

A TRADE DISPUTE.

In the House of Commons, on December 17, Mr. Grundy asked the First Lord of the Admiralty whether the firm of Short & Mason, scientific-instrument manufacturers, Walthamstow, hold any contracts with his Department; if so, whether he is aware that this firm broke off negotiations with the Amalgamated Instrument Makers' Society on questions of hours of employment and wages, and discharged several members of the union who had been in the service of the firm for many years; that the main body of the employees have been out on strike for ten weeks, and the firm still refuse to negotiate; and whether any action will be taken by the Department under the fair-wages clause.

Mr. Walter Long replied that no orders had been placed with this firm since 1917. Nothing is known of the dispute and strike at their works.

THE OPIUM AND COCAINE REGULATION.

The War Emergency Laws (Continuance) Bill, which extends a large number of regulations made under the Defence of the Realm Act, was considered in Committee of the House of Commons on December 16. Sir F. Banbury moved to delete the regulation placing a restriction on the supply, preparation, and use of cocaine and opium. Sir E. Pollock (Solicitor-General) said the regulation was intended to provide an effective check against the abuse of cocaine. This drug had been greatly abused during the war, and under the provisions of the Peace Treaty the Government were bound to introduce legislation for the control of opium and cocaine. A Bill for that purpose was in preparation, and would be presented to the House early in the next session. In the meantime if they were to abandon powers of control they would not be carrying out their pledges. Mr. Raffan thought that the control in regard to the use of cocaine by unregistered dentists might be removed. They are now licensed to use that drug in their dental work. Sir E. Pollock said that there was no intention of withdrawing the licences under which cocaine was at present supplied to unregistered dentists. The amendment was withdrawn, and the Committee adjourned.

SHOPPING HOURS.

Further consideration, on December 17, of the War Emergency Laws (Continuance) Bill raised the question

of the continuance of the restrictions on the shop hours. Sir F. Banbury moved to omit from the Bill the regulation restricting the hours in the evening during which business might be carried on. If it were necessary to specify the hours during which shops should be open, the proper way to do so, he said, was by bringing in a Bill to amend the Shops Act. During the war the regulation relating to the closing of shops was no doubt necessary, but now the war is over we should revert to the pre-war practice. This regulation is a flagrant example of the restriction of personal liberty and the liberty to carry on business. The Solicitor-General said that procedure under the Shops Act was more cumbersome. He had been asked to retain this regulation, because it had conduced to the comfort and welfare of the community. Sir S. Scott hoped the regulation would be retained, as people have now got into the habit of shopping before eight o'clock. Before the war they very often did their shopping after the theatre at night. Sir F. Banbury, on receiving an assurance that there would not be a further curtailing of the hours of business, withdrew his opposition. It was announced on December 17, writes our Parliamentary correspondent, that the War Emergency Bill would be postponed until next Session.

Personalities.

MR. J. BIRKETT, Ph.C., Morecambe, has been invested as organist of the Morecambe Lodge of Freemasons.

DR. R. D. ABELL, F.I.C., has been appointed professor of chemistry to the Bradford Education Committee.

MR. S. H. VINES, D.Sc., Sherardian Professor of Botany at Oxford University since 1888, has been awarded a pension of 450*l.* per annum on his resignation.

MR. A. D. SMITH has resumed his position on the representative staff of John Timpson & Co., Ltd., Golden Lane, London, E.C. 1, on his release from the army.

SIR RICHARD COOPER, M.P., who worked in a signal-box during the last railway strike, has sent his earnings (6*l.* 8*s.* 11*d.*) to the Railway Servants' Hospital Fund. It has been returned, however.

CAPTAIN A. NEWTON, 2nd V.B. Lancs Fusiliers, has left the Forces, on the disbandment of the Volunteers, with the honorary rank of Captain, and has rejoined the representative staff of Oldfield, Pattinson & Co., Manchester.

MR. T. R. PERKINS, pharmacist, Henley-in-Arden, who has been for some years an official of the Wesleyan Methodist Church in the Stratford-on-Avon circuit, was last week elected circuit steward. This office carries with it membership of the Synod of the Birmingham and Shrewsbury district.

THE twenty-first anniversary of the consecration of the Edward Terry Lodge, No. 2722, was held on December 11 at Freemasons' Hall, Great Queen Street, London, W.C., when Brother Arthur J. Rickford, pharmacist (Allen & Hanburys, Ltd.), was installed by W. Brother T. Batey (Clerk of the London Insurance Committee), I.P.M. The following officers were also invested: Brother Alban Atkin, pharmacist, West Hampstead, S.D. (second year); Brother J. R. Royle (Ingram & Royle, Ltd.), J.D. (second year). Among the brethren present were W. Brother Rex Blanchford, P.M.L.R., pharmacist (Wimbledon and Richmond); Brother Donald Grant, pharmacist, Hove; Brother W. T. Williams, pharmacist (Boots, Ltd.); Brother Chas. B. Baker, Ph.C., Nuneaton. Among the visiting brethren were the following pharmacists: W. Brother Hodder, Kingston; W. Brother Holloway, Southend-on-Sea; W. Brother F. Seymour; Brother Stevenson, Cadogan Square; Brother Wynne-Williams, Hampstead; Brother Smith, St. Neots. Upwards of a hundred were present.

A SIDE-LINE.—The Exeter "Express and Echo" informs its readers that Mr. Thomas Fickle, Ph.C., the city's analyst, has distinguished himself by growing a parsnip four feet in length.

Births.

HODGSON.—At Farnham, Ongar Road, Brentwood, on December 10, the wife of H. F. Hodgson, Ph.C., of a daughter (Monica Cecily).

NEVE.—At 10 Victoria Parade, Norbury, London, S.W. 16, on December 7, the wife of H. C. Neve, pharmacist, of a son.

TAVENER.—At Simla, on November 8, the wife of C. P. Tavenor, chemist and druggist, of a son.

Marriages.

JAMES—MUNDAY.—At Eton Parish Church, on December 6, Lewis August James, chemist and druggist, son of the late Rev. J. James, Ruthin, to Jessie Munday, Eton.

McCLINTON—HASLETT.—At Castlereagh Presbyterian Church, on December 11, by the Rev. William Colquhoun, Captain A. N. McClinton, M.C., to Ethel Strafford, younger daughter of the late Sir James Haslett (J. & J. Haslett, Ltd., wholesale druggists, Belfast).

Deaths.

DUCKWORTH.—At Ilkley, on December 13, after a brief illness, Mr. Arthur Duckworth, Ph.C., 3 Brook Street. Mr. Duckworth served his apprenticeship with Mr. E. Lord, Rochdale, and gained further experience with Mr. Wood, Windsor. He passed the Minor examination in 1886, and the Major in 1889. He was in business in Ilkley for upwards of twenty-five years, and during that time became well known as a pharmacist and in connection with sport and ambulance work. He leaves a widow and three daughters. The funeral took place on December 16 at Ilkley Cemetery; among the numerous wreaths was one from the Wharfedale Pharmacists' Association, of which Mr. Duckworth had been an old and valued member. The business will be continued under qualified supervision.

LUND.—At Lancaster, on December 10, after a brief illness, Mr. William John Lund, chemist and druggist, aged sixty-five. Mr. Lund, who was a native of Bentham, served his apprenticeship with Carruthers & Bagnall, New Street, Lancaster. He gained further experience with Savory & Moore, New Bond Street, London, W., and in Paris, and qualified in 1877. Returning to Lancaster, he was for many years proprietor of the business now carried on (as Lund & Co.) by Mr. A. T. Maxwell. He retired in 1903, and has since undertaken work from time to time as *locum tenens*. It was while thus engaged that he contracted a chill which developed into a fatal attack of pneumonia. Mr. Lund was a clever linguist, and prior to the war was accustomed to winter on the Continent. Of a courteous and kindly disposition, he will be greatly missed by his fellow-members of the Lancaster and District Pharmacists' Association. He is survived by a widow and two daughters. The funeral took place at Lancaster Cemetery on December 13.

McWILLIAM.—At Aberdeen, recently, Mr. James McWilliam, father of Mr. John McWilliam, chemist and druggist, Lenzie.

MORRIS.—On December 10, the wife of Mr. Humphrey Morris, chemist and druggist, Dolgelly.

PARKER.—At his residence, 68 Elswick Road, Newcastle-on-Tyne, on December 12, Mr. William George Parker, chemist and druggist, aged seventy-three. Mr. Parker passed the Modified examination in 1870. He is survived by a son and two daughters.

Died on Service.

TURNER.—At Clipstone Camp, on December 6, Private Spencer Tate Turner, Middlesex Regiment, only son of Mr. W. Spencer Turner, Ph.C., Willingham, Cambs., aged twenty. Private Turner took part (as a Lewis

gunner) in several of the later battles of the war on the Western Front, including that of Bullecourt; he subsequently served in the Army of Occupation in the Cologne area, returning to England with his company in November. The funeral took place at Willingham Cemetery on December 11.

Wills.

MR. ROBERT CROZIER, chemist and druggist, 1 Park Street, Lytham, who died on October 9, left estate valued at 3,691*l.* 13*s.* gross, with net personality 3,612*l.* 0*s.* 6*d.*

MR. JAMES ETESON WALKER, retired chemist and druggist, "Brungeriey," Clitheroe, who died on August 12, left estate valued at 2,060*l.* 8*s.* 3*d.* gross, with net personality nil.

MR. EDMUND JONES, J.P., chemist and druggist, 15 Park Road, Hauley, who died on August 11, left estate of the value of 6,943*l.* 4*s.* 11*d.*, with net personality 5,691*l.* 5*s.* 8*d.* Probate is granted to Mrs. Louisa M. Jones, the widow.

MR. THOMAS WILLIAM AGAR, chemist and druggist, 51 Salisbury Street, Kingston-on-Hull, who died on October 30 intestate, left estate valued at 570*l.* 8*s.* 5*d.* gross, with net personality 358*l.* 12*s.* 8*d.* Letters of administration have been granted to his widow, Mrs. Annie Agar.

PROFESSOR AUGUSTUS GEORGE VERNON HARCOURT, M.A., F.R.S., St. Clare, Ryde, Isle of Wight, past President of the Chemical Society, died on August 23, leaving unsettled property of the value of 17,168*l.* 19*s.* 7*d.*, with net personality 16,883*l.* 12*s.* 4*d.* The will of December 28, 1915, is proved by the Hon. Rachael Mary Vernon Harcourt, the widow.

MR. JOHN CHARLES UMNEY, F.C.S., Ph.C., Berea Court, Yapton, Arundel, and 44-50 Southwark Street, London, S.E., director of Wright, Layman & Umney, Ltd., William Woodward, Ltd., and Thomas Wilkinson, Ltd., who died on October 9, has left 27,703*l.* 10*s.* 1*d.*, with net personality 22,763*l.* 0*s.* 3*d.* The will is proved by Mrs. Constance Ellen Umney (the widow), Harry William Kilby Pears (Hove), and the Public Trustee. He gives 300*l.* to his sister-in-law, Kate William, 1,000*l.* and the household effects to his wife, 50*l.* to Mr. Pears, 50*l.* to his secretary, Daisy Wilby, and the residue to his wife for life, with remainder to his children.

MR. ALBERT TEEBUTT, 9 Waldegrave Gardens, Upperminster, Essex, of W. Sutton & Co., Ltd., druggists' sundriesmen, 76 Chiswell Street, London, E.C., who died on November 12, has left 11,246*l.* 16*s.* 2*d.*, with net personality 10,610*l.* 3*s.* 3*d.* The will, dated August 11, 1919, is proved by Clara Jane Tebbutt, the widow, and Charles Comins, of 50 Cannon Street, E.C., C.A. The testator gives 100 ordinary shares in W. Sutton & Co. to Mr. Charles Comins, and the remainder of the ordinary shares in trust to pay 150*l.* a year to his sister Rosa, 100*l.* to his former housekeeper Mary Elizabeth Newman, and the remainder of the income to his wife. Subject thereto, such shares are to be divided between Charles Comins and his managers Charles Andrew, John Wilson, F. T. Baggott, G. Starling, and W. Starling. The residue of the property he gives to his wife.

Gazette.

PARTNERSHIP DISSOLVED.

GARDNER, R., and WEDDELL, D. J., 135 Coatsworth Road, Gateshead, Durham, chemists, under the style of Gardner & Weddell.

ACCORDING to a notice in the Sierra Leone "Government Gazette" palm kernels exported from the colony will pay a duty of 2*l.* 5*s.* per ton, palm oil, 4*l.* 3*s.* 4*d.* per ton; and kola, 4*s.* 8*d.* per cwt. from January next.

Belgian Doctors' and Pharmacists' Fund.

A MEETING of the Executive Committee and others connected with the administration of the Belgian Doctors' and Pharmacists' Relief Fund was held at the Royal Society of Medicine, 1 Wimpole Street, London, W., on December 15, to hear an address from Dr. V. Pechère, the President of the National Relief Committee (Aide et Protection aux Médecins et Pharmaciens Belges Sinistrés). Sir Rickman Godlee introduced Dr. Pechère, who then addressed the meeting. The speech was a grateful acknowledgment of the help that had been rendered to Belgian doctors during the occupation of Belgium by the Germans. Some idea of the horrors of the position were given by a recital of the difficulties which even relief committees had to encounter in endeavouring to help the sufferers from German savagery. It was on this account that the Belgian administrators of the Relief Fund were unable to thank the donors or even inform them of what was being done with the money and relief in kind which was so plentifully provided. Accounts of the horrors of the massacres by Germans have been given in the *C. & D.*, but in view of the attempt by Germans to deny the truth of the awful crimes committed by their soldiery it is as well to give Dr. Pechère's account. He told the meeting that the reasons that called for the Relief Fund were:

Firstly, the disappearance of the head of the family. Among those killed by the Germans were five doctors. One in Andenne, Dr. Camus, was the burgomaster of that little city. When the German regiments took possession of the town they began to plunder, and, as was their custom, they took all the men, the burgomaster first of all. He was made responsible for all that subsequently happened. The soldiers were not in the place more than an hour when a fusillade took place. It was the beginning of the massacre. Why? Because "Man hat geschossen." You know it was the *mot d'ordre*. Let me tell you it was never true. There have never at any moment been any franc-tireurs in Belgium. In the first days of the war the authorities had enjoined the civil population, by notices, by posters, and so on, not to make any trouble and not to make use of firearms. It is possible that perhaps, in isolated areas, a shot was fired. I say it is possible, but it was never proved. "Man hat geschossen" was the signal of the massacre, which had actually been prepared in cold blood by the staffs; also of the plunder and the fires. In other places were made and the same excuse given. In other places there had been Belgian soldiers, or even French ones, who, while defending the place, had killed some of the enemy. In many of these cases the inhabitants were accused of having participated in the battle, and that was the reason given for the subsequent murders. This occurred in Dinant and Tarnies, where you must know that hundreds of people in each of these little towns were put against the wall and shot—old people, men, women, and children, all together. Among those at Dinant were two pharmacists and two at Tarnies, of whom one died ten days later from his wounds. As for Dr. Camus, he was fired on, kicked, lashed. His corpse was drawn round the streets, hoisted on the bridge of the Meuse, and, as it is said, thrown in the river. Another doctor was killed in Canthée, one in Hastière, one near Dinant, and one in Spontin, a little village not very far from Dinant. Eight pharmacists were killed in the same way. I know the story of all of them, because I have heard it from their relatives or other eye-witnesses. One of them was told me by the widow of the victim, the pharmacist, Guillite, of Andenne. May I tell it to you in few words? When the searching for the men began M. Guillite, his brother-in-law, and his son, aged about eighteen, succeeded in escaping and in reaching the office, where his wife and another son, a boy of about six, had been taken, paralysed by fear. The men shut themselves up in the cellar. Some minutes after came three German soldiers. "There is somebody hiding here." "No," was the answer of the poor woman. They covered her face with their revolvers. "No," she said again. Then one of those beasts held the woman on a chair while the two others went straight down to the cellar. They broke open the door with the butt-end of their rifles and found the three prisoners. Nobody knows exactly what happened then, but the poor woman heard clamours and a noise of fighting and shots. When she saw the corpses afterwards she found them riddled by shot and pierced by bayonet wounds. That was the fate of about eighty doctors and as many pharmacists, while many were

plundered and their houses destroyed by bombs, shells, or fire.

Dr. Pechère concluded by saying: "When I was a little boy, there hung in my room the picture of the deck of a battleship, under which was written 'England expects every man to do his duty.' In the Great War England has done her duty, and done it splendidly, to herself, to Belgium, and to humanity, and Belgium will never forget it." Dr. Squire Sprigge (Editor of "The Lancet") moved a vote of thanks to Dr. Pechère; this was seconded by Dr. H. A. Des Vœux (Treasurer of the Fund), and carried unanimously, Dr. Pechère briefly replying.

Trade Notes.

TOILET PREPARATIONS.—The Garnett-Pickles Preparations Co., Ltd., Cromwell House, High Holborn, London, W.C. 1, illustrate the leading preparations they manufacture for the "1920 Service." The illustrations show the style of the packages.

POWEREX FOOD.—The Powerex Co., 15 Charlotte Street, London, W. 1, describe, in their advertisement, the special features of Powerex tonic food. The wholesale and retail (protected) prices are given, and an offer is made of a showcard.

PHILIP'S STANDARD PRICE LIST reaches us this time from 132 Abbeyfield Road, Sheffield, which is the new address of Mr. Charles Philip. The list is becoming increasingly popular with retail chemists, and has recently been adopted by the Bradford Pharmacists' Association and the Swansea Pharmacists' Association. The annual subscription to the list is 7s. 6d. post free.

SOAPS AS CHRISTMAS PRESENTS.—Edward Cook & Co., Ltd., Bow, London, E., send us samples of several of their soaps, which are particularly suited for Christmas presents and New Year gifts. Cook's violet cream soap, "Rivera" Violette de Parme, violet-scented oatmeal bath tablet are samples of well-wrapped soaps which, singly or in boxes, make nice presents. Dorina perfume and Dorina toilet-soap are kindred products which give the idea of presenting a series of toilet preparations. Haig and Beatty, modelled in soap, are attractive to children, while a present of the Solace shaving-stick earns the gratitude of men.

Information Department.

INFORMATION WANTED.

Postal or telephone information with respect to makers or first hand suppliers of the undermentioned articles will be appreciated.

122/48. Prof. Hoffmann's ear phone.	125/3. Tornadora.
123/16. Schaub's Chicago hair dye.	125/64. "Eclipse" vaporiser lamps.
123/16. Smith's caustic.	125/30. Lather brush, to retail at 21s., containing the soap soap-powder.
119/33. Boryl acetate; supplies.	126/15. Fluid isoscene.
124/48. "Mortant," for the suppression of ants.	127/10. Nutritive wine of meat (Pedro Augusto Franco).
123/68. "Beranger" weighing-machines.	127/30. "Peerless" tongue depressor.
124/57. "Hermes" brand sacharin.	116/59. Hyde's cuticle gloves.
126/28. Concentrated sordal.	

INFORMATION SUPPLIED.

Inquiries regarding the following articles have been answered. The information as to supply will be given to others who send a stamped, addressed envelope to the Information Department, THE CHEMIST AND DRUGGIST, 42 Cannon Street, London, E.C. 4:

Albulactin, 126/27	Eucalyptus pomade, 114/69
Amyl alcohol, 125/44	Faliere's phosphatene, 127/10
Bailey's pulmoserum, 124/68	"Fastnet" dressings, 110/21
Benzaldehyde, chlorine free, 123/34	Felspar, 109/35
Binn's steel comb, 115/53	"Fermostat" vacuum bottle. 113/34
Burkhart's vegetable compound, 114/69	Foster's pills, 106/71
Clubb's cucumber cream, 107/66	Fruit laxatives, 115/65
"Clynol Berries" (Spanish inquiry), 116/3	Gooch's splinting, 101/68
"Columbia" dental chairs, 114/57	Mackenzie's polygraph, 107/28
	Magnesium chloride, 108/74
	Manganese black, 116/74
	Mother Seigel's syrup, 112/70

Observations and Reflections.

By Xrayser II.

There is a Miltonic Precedent

for comparing great things with small, and such comparison is often more than rhetorically effective. Let us, for example, compare what was said and done in the House of Commons the other night concerning the Coal Industry Emergency Bill with the operation of the Profiteering Act as it is being administered. Sir Auckland Geddes, in moving the second reading of the Bill, confessed that "the Government does not like limitation of profits," and added that the Bill "is simply and solely devoid of principle," while Lord Robert Cecil, in opposing it, declared that such legislation "hamstrings private industry by impossible conditions." But this is exactly what is being done under the Profiteering Act, which limits profits not by well-considered decisions of Government itself, acting on the advice of competent experts, but at the will of petty local bodies composed of persons who are more or less directly influenced by personal economic considerations, since they are themselves often among the worst sufferers from the prevailing high prices. Why does the Government feel so acutely for the coal-owners and is yet indifferent, if not positively hostile to the small shopkeeper? No doubt—and this would be true whatever Government were in power—because the coal-owners are a wealthy, well-organised, and therefore powerful class, and the shopkeepers are neither wealthy nor well organised, and are therefore politically negligible. Some check on profiteering may be necessary, but the Profiteering Act is as ineffective really to stop it as it is unjust to the class least able to defend itself. There are, of course, wealthy traders who can do this, and it is noticeable that these usually escape the worst consequences, but the smaller fry suffer unjustly both in pocket and in reputation.

"The Pharmaceutical Journal,"

which is, I presume, in this respect the mouthpiece of the Council, has at last spoken out on the profiteering question, and takes the view that nothing can be done more than is being done, except that chemists must, along with other tradesmen, take steps for the amendment of the Act. Nothing is said of any action taken, or to be taken, by the Council to this end. Possibly, as I suggested last week, the Council hesitates because it does not know whether this matter is within its province or not. I am not sure that, regarding it as the "Journal," at least, does, as a purely commercial matter, it is; but I am convinced that the Council might on other than commercial grounds make an effective protest against the High Court's decision if it were decided that commercial affairs do not come within its province, and I am inclined to hope that it will be so decided. If the Council gave up all pretence to be a trade association and consented sympathetically to the formation of an independent trade union of chemists, it is more than likely that our business interests would be better looked after than they ever have been, and the Council could then act with much greater freedom and force in defence of our professional interests, among which I class this particular matter of the dispensing of prescriptions. It could then through its Parliamentary Secretary plead our case in Parliament without the suspicion of sordid motives; it could act as a purely professional body whose only care was the upholding the proficiency of an essential branch of the medical service of the country.

In the Article

to which I have referred, the "suicidal folly" of "direct action" or a general "strike" on the dispensing question is denounced. I don't think I have ever counselled either—indeed, the terms "direct action" and "strike" are not applicable in this connection, for neither are we under any contract or obligation to dispense for all and sundry on any terms that may be offered

us, nor is the refusal to do so political action against the Government—but I have said, and say again, that personally I would refuse to dispense on the terms of the High Court decision, and that conceivably it might be well for us to make a general declaration to this effect. I am sorry that the doctor's case from Staines was dismissed on other grounds, since it was a good case for the pleading of the professional view. The doctor did indeed plead it, and apparently it was not challenged; it will certainly be pleaded by practitioners generally, and as certainly it will in their case be admitted. I maintain that we have an equal though not an equally obvious right to the same plea; the doctors, if put to it, will refuse to practise on any other terms, and why should not we do the same? To say that this would be a defiance of the law is not true; the law may have decided how we are to charge when we dispense, but it has not said that we must dispense whether we will or not.

If the Cost of Dispensing

is, per prescription, what Mr. Netherway calculates, then my suggestion that we should do well to scrap this department altogether acquires irresistible force for all whose businesses are of the class selected by him, for such prices as his figures make necessary to secure a working profit could not be got in the vast majority of them. His figures, however, will not bear examination if they are meant to apply to businesses whose total turnover is but about 2,000*l.* a year. The most vulnerable point in his argument is, of course, the overhead charges. Admitting that these would be what he estimates, why should 50 per cent. of the amount be charged to the dispensing department? Probably not much more than a tithe of the turnover comes from this department, and though the cost of maintaining it may be out of proportion to the income from it, it is not so much out of proportion as Mr. Netherway's charge upon it implies. Many of the articles making up his total, such as rent, rates, insurance, repairs, and renewals, not to mention others, cannot in reason be equally divided between this and all the other departments, even if clerical salaries and unproductive wages can, which I doubt. Mr. Netherway also calculates that the whole time of an assistant with a salary of 365*l.* a year would be required to work this department; if that is so, and he only dispensed three prescriptions per hour, he and Mr. Netherway's overhead charges would of course be fatal to the department as a paying concern. But are there many pharmacies to which these calculations apply?

The London Chemists' Retail Price List

for December is, so to speak, pitched in a distinctly higher key than Mr. Philip's Standard Retail Price List, though some few of its quotations are lower than his. It is not nearly so comprehensive, minute, and elaborate, but there is perhaps some advantage in its greater simplicity. It does not adopt his mode of pricing prescriptions according to the cost of the ingredients, with a fee added, but follows the old and, as I think, better plan of guidance by the quantity supplied and the number of doses. Even so there are some apparent inconsistencies in the prices quoted. If 1*s.* 9*d.* is enough for a 6-oz. mixture containing twelve doses, 1*s.* 6*d.* is surely too much for one containing only six doses; but if an 8-oz. mixture with eight doses is correctly charged 1*s.* 10*d.*, 1*s.* 9*d.* is clearly not enough for the former. Of course no absolute consistency is possible under any system, but this section of the list seems to me especially in need of revision. In the drug section the two lists sometimes differ rather startlingly; it is true that the two copies I am comparing are not of the same date, but this will not account for a good many of the discrepancies. Many tinctures, for instance, priced by Mr. Philip at 8½*d.* per oz., the later list prices at 1*s.* It is curious that although Mr. Philip quotes adeps præp. at 4*d.* per oz., and adeps benz. at 4½*d.*, the other list has 3*d.* for the former and 6*d.* for the latter. On the whole, the prices both of drugs and sundries run, in my opinion, rather too high for universal adoption.

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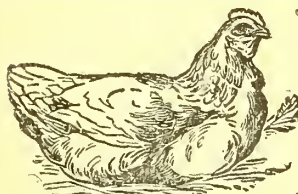
An announcement of particular
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Editorial Articles.

The Menthol Market.

THE year just closing has been one of the most remarkable in the history of menthol, and the advance in prices, particularly during the last quarter of the year, in the Japanese, New York, and London markets, has eclipsed all previous records. To-day's price in London for the favourite brands is from 77s. 6d. to 80s. per lb., and so acute is the position that the user in this country as a rule buys a 5-lb. tin, which costs him 20/-, with the prospect of having to pay more in the near future. In the following table we give week by week the movements in the London spot prices of menthol and oil, from which it will be seen that the rise was, with one or two slight reactions, steady throughout the year, although from October onwards it was accelerated by considerable American buying of both menthol and oil on the London market.

1919	Menthol spot	Mint oil spot
Jan. 4	20s. 6d.	6s.
" 11	20s. 3d.	6s.
" 18	19s. 6d.	5s. 10½d. to 5s. 9d.
" 25	20s.	5s. 4½d.
Feb. 1	20s.	5s. 4½d.
" 8	19s. 6d.	5s. 6d.
" 15	19s. 3d. to 19s. 9d.	4s. 6d.
" 22	19s. 9d.	4s. to 4s. 6d.
Mar. 1	19s. 9d. to 20s. 6d.	5s. 6d. to 5s. 1½d.
" 8	20s. 6d. to 21s.	4s. 10½d. to 5s.
" 15	21s. 6d.	5s. 6d. to 5s. 4½d.
" 22	21s. 3d.	5s. 3d.
" 29	21s. 3d.	5s. 4½d.
April 5	21s. 3d. to 22s.	5s. 3d. to 5s. 4½d.
" 12	21s. 6d.	5s. 4½d. to 5s. 6d.
" 19	22s.	5s. 9d.
" 26	22s.	5s. 7½d. to 5s. 9d.
May 3	22s. 9d. to 23s.	5s. 10½d.
" 10	23s. 3d. to 23s.	5s. 10½d.
" 17	23s. 6d.	5s. 10½d.
" 24	23s. 9d.	5s. 10½d.
" 31	25s.	5s. 10½d.
June 7	25s.	5s. 10½d.
" 14	25s.	5s. 10½d.
" 21	25s. to 25s. 6d.	5s. 10½d. to 6s.
" 28	25s. 6d.	6s. to 6s. 3d.
July 5	25s. 6d. to 29s. 6d.	6s. 4½d.
" 12	29s.	6s. 4½d.
" 19	29s. to 28s. 9d.	6s. 4½d. to 6s. 10½d.
" 26	36s. 6d.	6s. 10½d. to 7s. 7½d.
Aug. 2	37s. to 36s.	7s. 9d. to 7s. 6d.
" 9	35s.	7s. 6d. to 7s. 4½d.
" 16	35s.	7s. 4½d.
" 23	35s.	7s. 3d.
" 30	36s. to 37s.	7s. 3d.
Sept. 6	36s. 6d. to 37s.	7s. 3d.
" 13	36s. 6d. to 37s. 6d.	7s. 3d.
" 20	38s.	7s. 2d. to 7s. 4½d.
" 27	38s.	7s. 4½d. to 8s.
Oct. 4	38s. to 39s. 6d.	8s. 3d.
" 11	39s. 6d. to 45s.	8s. 3d. to 9s. 3d.
" 18	45s. to 44s.	9s. to 9s. 3d.
" 25	45s. to 46s.	9s. 3d. to 10s.
Nov. 1	46s. to 50s.	10s. to 10s. 3d.
" 8	52s. 6d.	10s. 10½d. to 11s.
" 15	52s. 6d. to 58s.	10s. 9d. to 11s.
" 22	59s. to 62s. 6d.	11s. to 16s. 3d.
" 29	60s. to 62s. 6d.	16s. 3d. to 16s.
Dec. 6	60s. to 65s.	16s. 3d. to 16s. 6d.
" 13	66s. to 75s.	16s. 3d. to 17s. 6d.
" 20	77s. 6d. to 80s.	17s. 9d.

The question of the future of the menthol market is one upon which experts differ; and in the New York market, which absorbs more of the drug than any other, a "bull and bear" controversy has developed between leading importers who have aired their views in the trade Press for several weeks past. The point at issue is whether the present inflated prices are justified by the stocks available in the United States and Japan. Put shortly, the "bears" say there are 6,000 cases of menthol in Japan, and 2,000 cases in New York, and several hundred in transit, whereas the "bulls" place the New York stock at 400 cases, and assert that there are less than 7,000 cases available to take care of the world demand from the present until January 1, 1921, against the normal consumption estimated at 16,000 cases. It appears to be conceded that during the war, Japan, the only producer of menthol, having lost one of its principal markets, devoted more and more acreage to growing food than to so-called peppermint, while at the same time the consumption of menthol, particularly in America, has steadily

increased; and, as stocks gradually dwindled, so prices, aided by speculation initiated in Japan, and followed by New York and London, succeeded in driving up prices to an unprecedented level. Estimates from various Japanese sources give the yield of the 1919 crop of crude oil at 260,000 lb., which is expected to yield 117,000 lb., or 2,000 cases of menthol—a decrease of 75 per cent., against a normal year of 1,000,000 lb. To this estimate, which seems unusually low, has to be added the carry-over stocks in Japan from one crop to another; and, unfortunately, it is notorious that the Japanese juggle with these figures to suit their interests, and even the experts are baffled. Formerly Germany was a heavy buyer of menthol, and the "bull" party in America is circulating reports to the effect that she will again be in the market shortly. There will, however, have to be a considerable improvement in the mark (now worth about 2*d.*) before this happens, as the cost of a case of menthol at present prices would be well over 100,000 marks. There appears to be very little stock in London, and those who are compelled to buy have no option but to pay the price asked and purchase from hand to mouth. It may be remembered that in November 1912 the spot market for menthol went to over 40*s.* per lb., but before the end of the year the market broke. Is history going to repeat itself?

The Jubilee of "Nature"

THE scientific journal founded in November 1869 by Sir Norman Lockyer has been made the occasion of a very interesting special number, in which the progress of science during the last fifty years is sketched in a series of articles by experts in the different branches. Sir Norman Lockyer himself relates how the journal originated. There were already in existence several specialised scientific periodicals, but none of them had a large circulation, and the want of one that should take all science for its province and be at once scientific and popular was keenly felt. The title "Nature" was given to the new journal by Sir Norman, and M. Deslandres compliments him upon its appropriateness. We venture to think that "Science" would have been more exactly definitive of its objects, though it might not have had so popular an appeal. That the journal has attained a wide popularity as well as wielded a powerful influence in scientific circles goes without saying, and editor and publishers alike are to be congratulated on the success they have attained. Sir Archibald Geikie, in a preliminary "Retrospect and Prospect" in this special number, speaks with pardonable pride of the fact that British science has attained its greatness without State aid, but there is an implicit reproach in this statement, and he contrasts our public policy in this respect with that of Germany, much to our disadvantage. That our Government has sinned against the light he shows by telling how once, when he had occasion to apply to the Treasury on behalf of the Geographical Survey, the official he interviewed said he was glad to receive him, but begged that the example of Germany would not be mentioned. The war has changed this attitude appreciably, and Sir Archibald concludes his article by saying that—largely owing to Government co-operation—the prospect of British science is now most encouraging. If the State was fifty years ago indifferent to science, the Church was more or less definitely hostile. The spirit which prompted Cowper's sneer against those who held that the Maker of the world was mistaken as to its age still survived. Geology and biology (Darwin's "Origin of Species" had appeared just ten years before) had inherited a good deal of the theological odium formerly lavished upon Galileo. It is true that some of the scientists were equally bitter and prejudiced on the other side; it may, indeed, be said that one of the most notable changes of the half-century is the reconciliation that has taken place between science and religion for which Tennyson pleaded in his "In Memoriam." Fifty years ago all the schools in the country practically ignored science as a means of education: the few exceptions were but proofs of the rule. Sir William Tilden, who writes the article on "Progress in Science Teaching," refers to three or four schools in which a pretence of teaching

science was made, but it consisted merely of occasional lectures of no practical value, and probably the teaching which he says the head-master of Taunton declared to have been given there for five years before 1869 was little more than this. There was a similar and equally well-known school in Sheffield in which evening lectures on chemistry were given once a fortnight or so even earlier than this, but attendance at them was optional, and was regarded by the boys chiefly as a relief from evening preparation-classes and an occasion for a "rag." Sir William Tilden mentions the opening of the Pharmaceutical Society's school in 1844 as the first of its kind in London, but does not say that he was himself a Bell Scholar in 1861. The educational movement was well begun then; the *C. & D.* said in 1859 that London abounded with schools in which lectures on science were delivered, that most of the metropolitan colleges had laboratories in which chemistry was taught, and that the Pharmaceutical Society had been "as successful as could be expected" in the circumstances. Chemistry and the subjects most closely connected with it occupy a large part of the special number of "Nature," but a consideration of the chapters devoted to these and to the progress of medicine would lead us too far. Pharmacy does not seem to come within the purview of the journal; it is not mentioned in the medical chapters. Sir Clifford Allbutt writes interestingly of "The New Birth of Medicine," but physics, diet, and nutrition are his theme, and bacteriology occupies all the attention of Dr. J. C. Martin in the chapter on "Preventive Medicine." These are the signs of the times which it most behoves us pharmacists to note. Curative medicine, and therefore pharmacy as now practised, are fast approaching the limbo of negligible things in the minds of the most advanced men. The time may yet be distant in which we shall actually find our occupation gone, but another fifty years will land us in a hopeless backwater unless we keep abreast of the scientific movement in medicine to-day.

The Practice of Preventive Medicine.

SIR GEORGE NEWMAN'S "Memorandum on the Practice of Preventive Medicine," addressed to the Minister of Health in accordance with his instructions, is an important document, and, although confessedly fragmentary and provisional, it will doubtless be of considerable value to the officials for whose instruction it is intended. Judged more generally, however, it leaves something to be desired, both as a contribution to the literature of the subject and as a statement of the policy required for dealing satisfactorily with the problems confronting the new Ministry of Health. The introductory chapters, in which the rise and progress of preventive medicine from Hippocrates to Schaudinn are briefly sketched, are somewhat perfunctory. It is hardly possible to say much in eight pages on so large a subject that is worth saying to those who are more or less experts. The beginning of the modern science of preventive medicine is dated from Harvey; through the two centuries that followed him conceptions of such facts as contagion, infection, parasitism grew and became dominant, until at the end of the first half of the nineteenth century the discovery of specific organisms in diseased tissues opened the door to Pasteur and his disciples. The Public Health Act of 1875 is declared to mark the great line of division between the old almost purely negative mode of prevention—the removal of nuisances, etc.—and the positive, constructive, remedial methods that have since been employed. We do not, however, propose to review this memorandum in detail, but simply to point out omissions which seem to have a sinister significance for us pharmacists. In the preliminary survey of which we have spoken pharmacy and the pharmacist find no place, and they are equally ignored in what follows with regard to the present position and the needs of the future. The first step necessary in the reform of medical practice is, we are told, synthesis and integration. The various subjects of medical study need to be more closely co-ordinated, and not only must we have a new synthesis—a *scientia scientiarum*—in place of the old over-specialisation, but there must be "a closer integration between

preventive and curative medicine." This is admirably true, but in effect it appears to mean the subordination of every sort of curative and preventive agency to the medical practitioner, who is described as at once "the pivot, the anchor, and the instrument" of any adequate medical service. Whatever else happens, he is not to be interfered with by any change within or without that will "restrain his liberty, lessen his responsibility, or hamper the free use of his intellectual activities." His post-graduate education must, indeed, be fostered and improved so as to fit him for his enlarged duties, since the entire medical service of the country and its administrative machinery, central and local, are apparently to be in his hands, or, at least, under his guidance and control. The "auxiliary services" of the midwife, the nurse, the health visitor, the sanitary inspector, the dispenser, and the expert worker in electric treatment, massage, and remedial exercises are dismissed in fifteen lines. As for the pharmacist, he, as we have said, is conspicuous by his absence, unless he is to be considered as included in the term "dispenser." However this may be, clinics, hospitals, dispensaries, and residential institutions are all in turn considered, but pharmacies are never mentioned. Even if preventive medicine alone were in question this omission would be strange, considering what the pharmacist has done and is doing in the way of pharmacological and micro-biological research and experiment; but, seeing that preventive is to be unified with curative medicine, it amounts almost to an insult. Even in the section devoted to National Health Insurance our share in the work is never referred to. We are told that 11,000 doctors have been engaged in examining patients and "providing treatment for them," but that this treatment has depended largely upon a body of pharmacists not otherwise under the doctor's orders is not even implied. The "medical practitioner" fills the whole stage. This would not much matter if it did not seem to confirm the suspicion engendered by the rest of the "Memorandum," that we are regarded as a negligible quantity. Can it be that Sir George Newman has never heard of pharmacists?

The Pyrogallol Case.

THERE are more indications than the rather piquant correspondence in which Lord Rosebery has just been engaged with the Ministry of Munitions, who wanted to sell his land for him without the ceremony of asking his permission, that the official mind is very reluctant to recognise the fact that the war has really come to an end. The attempt to prohibit the importation of pyrogallol by Proclamation purporting to be made under Section 43 of the Customs Consolidation Act, 1876, has struck us from the outset as intelligible only on the assumption of such an official mentality. Mr. Justice Sankey, in the High Court, has now declared that the Proclamation was illegal, and we hope that one result of the decision will be to restore to our importers some at least of that freedom of action under which our chemical industry has grown to its commanding position in the world of industry. With the constitutional issues involved in the question we have no desire to deal. Lawyers will no doubt discuss them with a due sense of their difficulty and importance. But, looking at the matter from the point of view of the chemist, we wonder how anyone could have come to the conclusion that pyrogallol is a species of "arms, ammunition, and gunpowder" within the meaning of the Act, or for the matter of that of any Act. And, as no expert evidence was given for the Crown as to what the prohibited goods were, it is difficult to see what other conclusion could have been come to than that at which the judge arrived. By a curious coincidence also, which opponents of the policy are not likely to leave unnoticed, while this attempt to restrict imports by Royal Proclamation has broken down in the Courts, the Anti-Dumping Bill, which was to legalise restriction on a wide scale, appears to have been shelved for the present session. Another interesting point is that the importation of cocaine and coca-leaves is prohibited by a Proclamation under the same Act, and if the judgment stands, this Proclamation is also illegal.

Business Changes.

MR. J. F. WHARTON, chemist and druggist, has taken over the business of Mr. J. H. Toplis, chemist and druggist, New Square, Chesterfield. Mr. Wharton served his apprenticeship to Mr. Toplis fifteen years ago.

MR. WILLIAM PHILLIPS, chemist and druggist, has acquired the businesses of Mr. Joseph Blower, chemist and druggist, at Knighton, Radnorshire, and at Craven Arms. Mr. Phillips has been managing the latter shop for the past eight years.

MR. HARRY OLDHAM, chemist and druggist, Windermere (late of Morecambe), has taken over the pharmacy of Mr. H. H. V. Gibson, chemist and druggist, Burscough Bridge, who has been compelled to relinquish business owing to ill-health.

MR. ROBERT LATTO, chemist and druggist, formerly manager for Mr. F. G. Foster, chemist and dentist, Fareham, has joined the board of directors of Murray & McConachie, Ltd., chemists, Winchester, in succession to Mr. Alexander McConachie, chemist and druggist, who has retired from the company.

Parliamentary Federation Conference.

A CONFERENCE to consider the draft Medical Benefit Regulations under the National Insurance Act was held at the Steinway Hall, Lower Seymour Street, London, W., on December 12. The Conference was called by the Federation of Medical and Allied Societies (late Medical Parliamentary Committee), and was presided over by Sir Malcolm Morris. In opening the proceedings, the Chairman explained that the Federation was not formed in antagonism to any existing society, but marked, for the first time in the history of medicine, the combination of the three sides of medicine—namely, practitioners, nurses, and pharmaceutical chemists. The aim of the Federation was to encourage medical men to take their proper position in the social work of the nation in the House of Commons and on municipal bodies. He then read to the meeting a communication from Sir W. Watson Cheyne, M.P., a former chairman of the Federation, who stated that he was glad to hear that the Federation proposed to discuss the draft Regulations, as it was difficult to find out how far matters had gone under piecemeal methods, while the whole situation should be considered together, and any increased payments made retrospective. Sir Watson Cheyne described the idea of legislation as being "to avoid opportunities of discussion in Parliament, and to push things through by orders and rules which can never be properly controlled by the House," and suggested that the conclusions arrived at by the Conference might be discussed with the committee of medical members whom he would summon for the purpose. A communication was also received from Captain F. E. Guest, Chief Liberal Whip, who promised a sympathetic attitude on the part of the Prime Minister towards the suggested deputation. The discussion which ensued was mostly concerned with the medical practitioners' view. Mr. P. F. Rowsell, representative of the Pharmaceutical Society, agreed in the main with the medical speakers. The existing Insurance Acts, he said, had hampered the efficiency of pharmaceutical service to the medical profession. A country which could spend from six to eight millions a day on a war ought to be able to find ten or twenty million pounds for outlay on the health of the people when the necessity was shown. The following resolution was carried:

That in the opinion of this conference of medical and allied organisations the draft Regulations for 1920 proposed to be made by the Minister of Health with respect to the administration of the National Health Insurance Medical Benefit are not adapted to secure the most efficient service from the medical profession or adequate results to the community.

The Prime Minister is to be asked to receive a deputation from the Federation.

Pharmaceutical Society of Ireland.

Council-meeting.

THE monthly meeting of the Council was held at 67 Lower Mount Street, Dublin, on December 8, Mr. J. E. Connor, J.P., President, in the chair. The following were also present: Dr. A. J. Barnes (Vice-President), Mr. G. D. Beggs, J.P. (Treasurer), Dr. J. A. Walsh, Dr. J. C. McWalter, Messrs. William Doig, Charles E. Digges, W. F. Wells, and Victor E. Hanna. Mr. H. Lancashire, J.P., wrote apologising for his absence.

APPOINTMENT OF AN EXAMINER.

THE REGISTRAR (Mr. A. T. Ferrall) submitted a communication from the Privy Council Office transmitting copies of an Order approving of the appointment of Mr. T. Alexander W. Hill, M.A., B.Sc., as an examiner for the Preliminary examination in the room of Mr. W. Johnston, B.A., whose term of office has expired.

FINE TO STAND.

THE REGISTRAR submitted a letter from Dublin Castle stating that, on a full consideration of the circumstances of the case of Mr. W. P. Kennedy, Ph.C., the Lords Justices had decided that the law must take its course.

Mr. Kennedy was, on August 6, fined 18/ at Graigue-namagh Petty Sessions, being at the rate of 6s. per day for sixty days from May 28, during which time he neglected to furnish information to the Registrar of the Pharmaceutical Society in answer to a registered letter addressed to him on May 10 pursuant to Section 18 of the Pharmacy (Ireland) Act of 1890.

FEDERATION OF MEDICAL AND ALLIED SOCIETIES.

THE REGISTRAR submitted a letter from Lieut.-Colonel Howard Mummery, M.R.C.S.Eng., General Secretary of the British Federation of Medical and Allied Societies, who wrote:

I have to request that you will be kind enough to once more place the question of your Society appointing a representative on the Council of the Federation before your Executive. I enclose you particulars recently sent out, including the terms of membership, which have very recently been finally adopted, and which you will see are on a very moderate scale. The Pharmaceutical Society of Great Britain has definitely joined the Federation, and the Chairman of that body has intimated to me that he thinks your Council will be willing to reconsider the matter in the light of recent developments. The Federation now represents every section of medicine and those allied with it, such as dentists, all the nursing bodies, and pharmacists. Legislation which is impending at the present time aims at drastic alterations in certain sections of medical practice, and is sure before long to affect every other profession concerned in the National Health Services.

The Council decided not to appoint a representative on the Council of the Federation.

ROYAL SANITARY INSTITUTE CONGRESS.

IN response to a request from the Royal Sanitary Institute that the Society would appoint a delegate to the Congress to be held in Birmingham next July, the Council appointed Dr. McWalter as their delegate.

CHANGES OF ADDRESS.

THE following wrote communicating changes of address:

Mr. James Allen, Ph.C., to 35 Castle Street, Lisburn; Mr. M. J. Cogan, Ph.C., to The Drug Stores, Ltd., St. Mary's Street, Dungarvan, co. Waterford; Mr. Arthur E. Dickson, Ph.C., to 16 Mailborough Street, Derry; Mr. A. Dowling, Ph.C., to Milton and Main Roads, Sea Point, South Africa; Mr. Walter J. Healy, Ph.C., to 61 Lower Mount Street, Merrion Square, N. Dublin; Mr. Louis Henry Parkes, Ph.C., to 1,212 Graglock Street, West Philadelphia, U.S.A.; Mr. E. Kelly, Ph.C., to Clonard Pharmacy, 27 Falls Road, Belfast; Mr. W. McCully, Ph.C., to Broadway, Marton, New Zealand; Mr. S. Robb, Ph.C., to 1 Breck Road, Everton, Liverpool; Mr. R. A. Lennon Wilson, Ph.C., to Kennedy's Medical Hall, Graigue-

namagh, co. Kilkeuny; Mr. D. N. Stewart, Ph.C., to 3 Victoria Terrace, Portstewart; Mr. Wm. James Brady, chemist and druggist, to Post Office, Newtownards; and Mr. Wm. V. Bell, registered druggist, to Wilson's Medical Hall, Longford. Mrs. Sarah Allen Templeton (*née* Sarah Allen Sloan) wrote notifying change of name on her marriage and change of address to The Medical Hall, Garvagh, co. Derry.

SIR ROBERT HORNE'S APPEAL.

THE REGISTRAR submitted a letter from the Assistant Controller, Ministry of Labour Appointments Department, stating that he was directed by the Controller to express his thanks to the Society for their action "in disseminating Sir Robert Horne's appeal among the members of the four Drug Associations in Ireland."

PRELIMINARY REGISTRATION.

MISS Nora Earls, Mr. H. G. Cousley, and Mr. P. O. J. McColgan submitted certificates of other bodies, and were admitted to preliminary registration.

Reports were received from the Law Committee, the House Committee, and the School Committee, and were adopted.

ELECTION AND NOMINATIONS.

MR. Harry Weiner, Ph.C., 34 Lingwood Avenue, South Circular Road, Dublin, was elected a member, and the following were nominated for membership: Mr. John J. Connolly, Ph.C., The Medical Hall, Westport; and Mr. John Shiel, Ph.C., The Medical Hall, Carrick-on-Shannon.

PLACE OF ANNUAL MEETING.

DR. MCWALTER moved:

That the annual meeting of the Pharmaceutical Society of Ireland for 1920 be held in Belfast.

He said he would simply move the motion formally. He thought they had already discussed it thoroughly.

DR. BARNES said he seconded the resolution on the last occasion, but he had been thinking a good deal about it in the interval, and he thought really that the holding of the annual meeting in any place other than Dublin was impracticable. All that had been gone into on the last occasion, and had been very ably pointed out by Mr. Wells. He (Dr. Barnes) urged that there should be an Irish Pharmaceutical Conference on the same lines as the British Conference, and that it should be more or less fathered by the Council of the Pharmaceutical Society.

MR. W. F. WELLS said he had suggested on the last occasion that they should first of all make sure of the legal aspect of the matter of the holding of the annual meeting, and that they should consult their solicitor; and he had suggested also that some Committee should go into the matter and see whether they could carry out the Act of Parliament if they went to Belfast. The Registrar had to be in Dublin until four or five or six o'clock in connection with the scrutiny. How, then, could he be in Belfast at half-past seven the same evening? He would be glad if they could go to the North and meet their colleagues there. But they ought not to rush this matter; and they ought to get information as to how it could be worked out. In order to go to Belfast they would have to alter all their regulations about the election. They could not alter the date of the meeting, because that was fixed by Act of Parliament. The only thing they could do would be to refer the matter to a Committee to consider it.

DR. WALSH: Do you think it worth doing that?

DR. MCWALTER: If there is no seconder it drops, I take it.

THE PRESIDENT: Dr. Barnes has withdrawn. Therefore the matter lapses.

NOTICE OF MOTION.

DR. McWalter handed in the following motion for consideration at the next meeting:

That, subject to the approval of the Privy Council, the name of any pharmaceutical chemist who refuses to compound or dispense medicines for any member or ex-member of the Forces of the Crown, or for any person seriously sick who cannot otherwise procure such medicines, may be removed from the Register of Pharmaceutical Chemists.

Insurance Act Dispensing.

A Record of matters concerning Chemists' interests in the National Health Insurance Acts.

ENGLAND.

Blackburn.—At a meeting of the Insurance Committee, held on December 11, the clerk reported that, at a cost of 360*l.*, there had been dispensed 9,324 prescriptions to insured persons during September, and, in October, 11,742, in respect of which 220*l.* had been advanced to the chemists concerned. For the nine months ended September 30 the cost of prescriptions in the area was 3,611*l.* 9*s.* 3*d.*, and the prescriptions dispensed totalled 109,016. The average cost per prescription was 7.95*d.*, and the average cost per person was 17.07*d.*

Flintshire.—In addition to Messrs. P. J. Ashfield and W. Topping, the following chemists and druggists have been co-opted to serve on the Flintshire Pharmaceutical Committee: Messrs. H. Crabbe Davies, C. R. Dixon, G. E. Gratton, D. Hughes, T. C. Jones, and T. E. Hughes.

Kent.—The Insurance Committee met at Maidstone on December 10, Mr. C. Igglesden presiding. The Medical Service Sub-Committee reported a complaint by an insured person against a doctor for charging 2*s.* for medicine. The doctor's explanation was that no treatment was necessary. The complainant pressed for the supply of a cough-mixture, and the doctor complied with the patient's request, regarding the supply of medicine on this occasion as outside the terms of his agreement with the Committee. The Sub-Committee considered he should have given a prescription to be dispensed by a chemist, but declined to entertain the complainant's application for the repayment of the cost of the medicine. The Finance and General Purposes Sub-Committee considered letters from the Joint Pricing Committee and the Ministry of Health suggesting that the ratio obtained by the reassessment of the dispensing-fees for the first quarter of 1919 should be taken as a basis for the year. The Sub-Committee were of opinion that it was not necessary to proceed with the recalculations for the remaining quarters of the year, and the Panel Committee agreed. The estimated amount which would be required as the contribution of the Committee to the Joint Pricing Committee for the year 1920 was 1,095*l.* Alterations in the panel were announced. The report of the Joint Committee for Pricing Prescriptions (South-Eastern Division) showed that the total number of scripts received in 1918 up to February 28, 1919, was 2,351,112, representing 2,730,997 prescriptions. (The corresponding numbers for the year 1917 were 2,028,566 and 2,385,822 respectively.) The value of the 1918 prescriptions was 85,730*l.* 17*s.* 6*d.*, as against 62,840*l.* 3*s.* 4*d.* for 1917. Sanatorium scripts included in the foregoing represented 27,279 prescriptions, the total value of which was 1,715*l.* 7*s.* 3*d.*, as against 21,790 prescriptions and a total value of 1,104*l.* 18*s.* 8*d.* for the year 1917. Reasons for the delay in pricing prescriptions were given. There are still thirty-five to forty disallowances in respect of appliances every month, and with the exception of a proprietary toilet cream all the items disallowed during 1918 were appliances outside the schedule. In seven out of the twelve areas included in the area of the Joint Committee there are published formularies or local Pharmacopœias containing 355 formulas. One of these areas has its own list of "stock mixtures," while seven Committees have chosen stock mixtures from the Insurance Commissioners' list. The Pharmaceutical Society checked 10 per cent. of the 1918 scripts from all areas in the South-Eastern Division with the exception of Middlesex. The percentage of error was .036. During 1918, 12,793 chemists' accounts were certified for payment. There were from 200 to 300 accounts sent in late every month, and the report stated that it is regrettable that many chemists still fail to comply with the official instructions. All Committees in the area of the Joint Committee now accept quarterly statements and yearly totals, so that the Minimum Statistical Data can be prepared

concurrently with certifying the chemists' accounts. From July until December there was a steady increase in the number of prescriptions, owing to the successive epidemics of influenza.

Staffordshire.—The Insurance Committee at a recent meeting heard a complaint from Dr. Holton, Hednesford, that on the evenings of October 31 and November 6 both the chemists' shops in Hednesford were closed, and in consequence none of his patients were able to obtain medicine. On the recommendation of the Medical Benefit Committee, it was decided to ask the chemists for an explanation.

SCOTLAND.

Aberdeen.—At a meeting of the Burgh Insurance Committee, held on December 10, it was decided to appoint two committees (one to deal with the supply of drugs and the other with the merits of the question) in the event of the chemists coming off the panel.

Dumfries.—At a meeting of the Maxwelltown Insurance Committee, held on December 10, called as a result of the notice received from chemists terminating their agreement with the Insurance Committee, Ex-Provost Nicholson, chemist and druggist, made a spirited defence of the chemists' action. He took exception to the statement of the Board of Health which the clerk had read. It was a misleading statement, he said, and he was surprised that it should come from any Government office. They said they had made a revision of the tariff which was to the advantage of the chemists. It was equally to the advantage of the Insurance Commissioners, because as drugs went up or down in price the same percentage of profit was added or taken off. The Board also said the chemists had also got a bonus. That was not so. The chemists had not got fully paid their accounts yet for the year 1918, and had no redress. He thought he was doing right in stating to the committee the position of the chemists in view of that misleading statement. Then they spoke about the 375*l.* per annum of a professional fee. He would give them a simple illustration of how generous that treatment was. If they went into a hairdresser's to get a "crop" they had to pay a shilling. If the operation took ten minutes that meant a rate of 6*s.* per hour, and that worked out at about 750*l.* a year. Mr. Nicholson, continuing, said it took an average of from ten to fifteen minutes to dispense a prescription. For that the fee allowed was 2*d.* They paid more than that to the men who cleaned the streets. He believed there had been a threat to set up dispensaries. Well, let them set them up. The question of profit had been a grievance with the chemists for years, but they had been patriotic, and during the war had simply carried on. The chairman said he understood the chemists had been working under protest ever since the commencement of the Act. He thought it was admitted by the Board of Health, by all Insurance Committees, and by insured persons, that the chemists had had a grievance ever since the Act was brought into operation. Nevertheless they had carried on during the war exceedingly well, and now they wanted matters made something like square. The matter was now, he said, entirely in the hands of the Commissioners, and the committee could go no further into the question meantime.

Per h.—At a recent meeting of the Insurance Committee Mr. J. J. Forbes and Mr. Thos. Harley addressed the members on the proposed withdrawal of chemists from the panel. The chairman did not think it would be wise for the Committee to express sympathy with the chemists' claim. The Committee decided to delete the word "unreasonable" from the minutes of the Medical Benefit Committee in reference to the chemists' claim, and expressed the opinion that the remuneration they were at present receiving was inadequate.

ALL commercial travellers landing in New Zealand (says "The Times Trade Supplement") are required by a recent law to deposit 10*l.* with the authorities to cover any income-tax that may become payable on the business ensuing from their visit to the country. Unless this is done, it is unlawful for a traveller to carry on business.

Associations' Winter Session.

Bournemouth.—At the monthly meeting of the Bournemouth Chemists' Assistants' Association, held recently, Mr. North (Vice-President) in the chair, the treasurer (Mr. T. G. Neil) gave a paper on *A Study of Words*. He contrasted the English and American methods of expressing the same thought, and gave an interesting *résumé* of the peculiarities and history of the English language, which, he considered, lends itself to the expression of lofty thoughts, is sonorous for declamation and debate, and persuasive for argument.

Bradford.—A special meeting of the Bradford Pharmacists' Association, held in committee, took place recently, Mr. W. Sutcliffe presiding, to consider steps rendered necessary by the advent of the Profiteering Act. Mr. A. T. Bailes (hon. secretary) explained a scheme created by the Chamber of Trade, in conjunction with the local Profiteering Committee, under which each trade likely to be affected was to form a panel to take all necessary measures in the interests of that trade, and to advise the Profiteering Committee monthly as to variations in prices. It was unanimously decided to form a panel, and Messrs. W. Sutcliffe, F. E. Burdett, D. S. Priestley, and the secretary were appointed. It was decided to adopt the Philip's price-list, instead of the existing minimum retail price-list. This necessitated the rescinding of a resolution of a recent meeting, but it was felt that the Philip's list was more comprehensive, based on scientific principles, and gave a complete system of costing, which would be valuable in defending chemists against charges of profiteering. It was further decided to adopt a uniform scale of payment for dispensing work, and the panel was instructed to prepare such a scale.—Since the meeting took place cards may be obtained, not only by members, but also, at a small charge, by shops not in the Association.

Brighton.—A meeting of the Brighton Association of Pharmacy was held on December 11, when an interesting lecture was given by Mr. S. Jamieson (London) on *Petroleum; from the Well to the Pharmacy*. Numerous lantern slides illustrated the various steps in the processes of production and purification; the last illustration was that of a window-show of variously packed paraffin as met with in the pharmacies of to-day. At the conclusion of the lecture the hon. secretary (Mr. Edgar Jones) was presented with an antique grandfather clock, table cutlery, and plate, together with an illuminated album containing the names of the seventy-two subscribers. The President (Mr. Yates), in making the presentation, asked Mr. Jones to accept the present as a token of their appreciation. Mr. Jones, in expressing his thanks, also acknowledged the loyal service he had received from his two managers, which alone had enabled him to devote so much time to the work of the Association.

British Photographic Manufacturers' Association.—The annual general meeting of the British Photographic Manufacturers' Association, Ltd., was held at the Connaught Rooms, London, recently, at which Mr. E. W. Houghton presided. The meeting was preceded by a luncheon. The President called attention to the fact that the Association was formed during the early part of the war. Now that the war is over, he (the President) hoped and believed that the photographic industry would never go back to the conditions which had prevailed. Then it was customary to regard competing firms as rivals and enemies. As manufacturers they are now banded together for the furtherance of the British photographic industry throughout the world. The question of the standardisation of sizes of small-plate cameras had been decided and duly announced throughout the photographic press of the world. The alarm expressed by some had subsided now that the objects of the Association in this matter were clearly understood. A chart setting out the standard sizes and the numbers by which they would be known would shortly be issued by the Association to all the principal dealers and manufacturers. It would then rest with the camera makers to adopt the new sizes for their new models. There would be no difficulty with

regard to plates and papers; the manufacturers would supply to meet the demand, as they always had done. The President concluded his remarks by congratulating members upon the satisfactory financial position of the Association. The following officers were declared elected: *President*, Mr. E. W. Houghton; *Vice-Presidents*, Messrs. J. Hill and G. M. Bishop; *Treasurer*, Mr. E. B. Cook; *Hon. Secretary*, Mr. F. E. Greenwood; *Members of Council*, Messrs. Austin Edwards, W. F. Butcher, C. S. Downing, J. R. Griffin, W. S. Hobson, T. Illingworth, F. J. Jenks, Gray Pickard, C. F. S. Rothwell, S. Whitfield. Mr. Arthur C. Brookes is the secretary.

Cambridge.—A meeting of the newly formed assistants' section of the Cambridge Pharmaceutical Association was held on December 10, at which Mr. T. J. Mallett presided. Mr. Stearn protested against the winding up of the Junior Association, which had been in existence for twenty years, and moved "That the Junior Association be carried on as before." The motion was agreed to. Mr. Barker (secretary of the Senior Association) said he was disappointed at the result, and strongly advocated the necessity for organisation on trade-union lines. After a discussion it was decided to send a deputation to the Senior Association Committee to discuss the new situation; Messrs. Stearn, Robinson, Pottrell, and Crovil, with Miss D. French, hon. secretary, to form the deputation. Mr. Barker also announced that arrangements had been made for a course of chemistry classes. Unfortunately, these classes would not count towards the curriculum, as they had not at present an approved school in Cambridge. Ten names were given in at once, and it was stated that ten others would be willing to join.

Chesterfield.—A meeting of the Chesterfield Pharmacists' Association was held on December 9, Mr. J. H. Wilbourn in the chair. Lots were drawn for the holiday rota and minimum retail list-prices were discussed. It was resolved that the Association adopt the code-word "Melboracis," and that in future members should mark the code-price on all scripts and recipes.

Devon.—A meeting of the Devon Pharmaceutical Association was held on December 3, Mr. J. D. Turney (vice-president) in the chair. The report of the Dispensing Charges Sub-Committee was discussed, and it was agreed that a scale of minimum charges should be adopted along with a uniform pricing-scheme. The chairman, however, advised that the scheme selected should be applied as a check as often as possible for the pricing of ordinary mixtures. It was finally resolved to adopt the minimum retail price-list with slight modifications, and that copies should be printed and circulated in the county. A resolution was also passed that profiteering Tribunals should take as a basis the current wholesale price rather than the invoice price.

Ealing.—A meeting of the Ealing Pharmacists' Association was held on December 4. The President (Mr. S. McKee) in the chair. It was agreed to keep to the prices in the minimum retail price list and to mark all prescriptions with "Bishopgate." Face value for all patents was, after discussion, unanimously agreed to. A whist-drive will be held in February and a dinner in January, and a Committee, composed of Messrs. Armitage, Marns, and Weston, was appointed to make the necessary arrangements for the dinner. They will then assist the Social Committee with the arrangements for the whist-drive. Mr. Storm was selected to take the place of Mr. Wrench (who is leaving the district) on the Middlesex County Executive, and Mr. Thompson (Boots, Ltd.) was appointed to the Social Committee. The President congratulated the Secretary upon the way that he is discharging his duties; he said that he (Mr. Marns) must have infected some of the members with his enthusiasm, as they were turning up to the meetings better than ever they had done before. A vote of confidence in Mr. Marns was afterwards passed.

Great Yarmouth.—The monthly meeting of the Great Yarmouth Pharmaceutical Association was held on December 3, the President (Mr. P. R. Hill) in the chair. The secretary was instructed to write Thos. Keating with a request to put Keating's insect powder on the protected

list at face value. It was resolved that, in connection with the Profiteering Act, the current wholesale cost price be taken as the basis of the current retail price. The President, on behalf of the Association, congratulated Mr. A. E. Richmond on his re-election to the Town Council. It was decided to open on December 27 for two hours only, morning or evening, or both, at the discretion of the members. Mr. E. H. Kellam reported his attendance, with the secretary, at the Ipswich Federation meeting.

Hampshire.—The annual meeting of the Hampshire Pharmacists' Association was held on December 3, Mr. Smith (chairman) presiding. The Treasurer's report showed a balance in hand of 17*l.* 5*s.* 9*d.*, against 8*l.* 8*s.* 11*d.* the previous year. The sum of 3*l.* 3*s.* was voted to the Benevolent Fund. The election of officers resulted as follows: *President*, Mr. E. H. Smith (Gosport); *Vice-President*, Mr. Dodridge (Woolston); *Treasurer*, Mr. Wainwright; *Hon. Secretary*, Mr. C. H. Baker. Votes of thanks were passed to the officers for their services, and to the Insurance Committee for the use of their rooms. Mr. Lessiter, Aldershot, was elected a member, and Mr. Feaver Clarke, who has recently settled in Hampshire, expressed pleasure in being allowed to be present at the meeting of the Association. He was elected the first honorary member of the Association. The meeting was then thrown open to the members of the Southampton Pharmaceutical Association, who had been invited to attend to hear an address by Mr. P. F. Rowsell (Vice-President of the Pharmaceutical Society), on *The Work of the Proprietary Articles Trade Association and Chemists' Defence Association*. Mr. Rowsell, who met with a very cordial reception, sketched the growth of the Proprietary Articles Trade Association movement from the days of its inception, referring to the great assistance rendered in the early days by the late Mr. Chas. Sanger. He considered that 25 per cent. as a minimum profit is necessary. Turning to the Chemists' Defence Association, he said that the C.D.A. is absolutely essential to chemists at the present time in connection with the Profiteering Act. The prices charged for dispensing medicines, Mr. Rowsell considered, are in most cases absurdly low, and he urged chemists to take up a proper scheme for pricing scripts. He then touched on National Health Insurance matters, and the Ministry of Health, referring to the work of the Pharmaceutical Society in connection with the training of ex-Service men. A short discussion followed, and the Chairman afterwards proposed a vote of thanks to Mr. Rowsell. Mr. Jewell (President of the Southampton Pharmaceutical Association), in seconding the vote of thanks, said that the Proprietary Articles Trade Association had done a great deal in bringing chemists together. They no longer consider themselves as molecules, but as atoms. At the conclusion of the meeting all the members present were entertained to high tea by Mr. H. Wilson (Southampton), and about sixty sat down to an excellent repast.

Hull.—The monthly meeting of the Hull Pharmacists' Association was held on December 9. The President (Mr. A. S. Snowden) occupied the chair, and Mr. H. E. Thompson gave a paper on *Reminiscences of Pharmacy*. The speaker took his audience back to "the good old days," and emphasised that three things should be observed by pharmacists—unity, personality, and quality. Those were the chief elements to cultivate to bring him success. The paper was thoroughly enjoyed.—The Hull Chemists' Assistants' Association met on December 10, the President (Mr. L. S. Sellé) in the chair. Final arrangements were made for the social to be held on December 29. Conditions of apprenticeship were discussed, the findings of the meeting being as follows: (1) That sixteen be the minimum age of commencement. (2) That the Preliminary be passed prior to apprenticeship. (3) That all apprentices be indentured for four years, preferably on an indenture prepared by the Pharmaceutical Society, and each apprenticeship to be registered by them. (4) That some system of supervision be instituted in the best interests of both master and pupil. (5) That in view of the present and prospective surplus of labour in pharmacy, the number of new entrants for

the next few years should be severely limited. These recommendations are to be sent forward to the Executive of the N.A.C.A. As it was question night, each member was asked to write down any appropriate question; these were put into one hat, the members' names into another, the member drawn having to speak on the question drawn. It was a great success. Some of these queries were: What is the effect of an alkali on chloral hydrate? Why are prescriptions written in Latin? Is it possible to pass the Qualifying examination without a college training? Which is the genuine oil of thyme, the red or the pale? What profit should a chemist put on a wholesale drug list? Could four days' holiday be obtained this Christmas? One question was unanswerable—What is oiled silk? The following new members were elected: Miss D. Twigg, Messrs. Cheeseborough, Crowder, and J. Clark.

Leeds.—A meeting of the Leeds' Chemists' Association on December 10, under the chairmanship of Mr. N. N. Arncliffe, was addressed by Mr. John Keall on *The Forward Movement in Pharmacy*. Mr. Keall dealt with the various operations of the Pharmaceutical Council, and maintained that the Council has shown that it has a definite and constructive policy. After referring to the division of the Qualifying examination, he said that the subject of apprenticeship and pupilage has long been neglected in England, and he greatly admired the system observed in Scotland. He felt that the Pharmaceutical Council has acted on right lines in the matter of an Industrial Council. Pharmacy has every reason to be proud of its part in the replacement and training of ex-Service men and of the work of chemists on the local Interviewing Boards. The position of the craft in its relationship to the new Ministry of Health and the medical profession was next explained. Mr. Keall compared the unanimity of demand shown by Scottish chemists in connection with Health Insurance work with the lack of determination in England, and regretted the disappointing nature of the recent Local Associations Executive election, but consoled his audience with the fact that the vote was not much smaller than the average pharmaceutical vote. He hoped for better results next time, and had great expectations from the schemes of the federations. As to recent events in the Pharmaceutical Council, he held that party government is bound ultimately to fail in pharmacy, and chemists will have to return to the method of government by agreement, which has worked well for so many years. As to the claim that this method does not secure sufficient publicity, if the Council wants publicity it can have it by periodical visits of members of the Council to the associations. There are occasions, however, on which this supposedly useful publicity has done much harm. The President, in opening the discussion, mentioned that while on holiday he bought some soap at a chemist's shop and found it wrapped in an advertisement page of *THE CHEMIST AND DRUGGIST* containing first-hand drug prices. He entirely agreed with the remarks on apathy, but disagreed with the suggestion that there can be too much publicity. Mr. F. Pilkington Sargeant endorsed Mr. Keall's views, and especially urged that the ex-Service men must never be forgotten. Leeds, he was glad to say, had voted almost up to 100 per cent. in the L.A.E. election. He supported Mr. Keall in regard to publicity, and thought the President had rather misunderstood the speaker. As to affairs in Council, while a member has every right to voice his own views in Council and out, he has no right to go about the country blackguarding his colleagues, as is being done on occasion. Mr. Smith, as an ex-Service member, asked why ex-Service men are exempt from the Preliminary examination. Mr. H. Gilleghan asked Mr. Keall, as President of the Proprietary Articles Trade Association, why the system of weekly publication of price alterations in the trade journals is getting lax, and reminded him that it was on the pressure of the Leeds Association that the weekly list was secured. Lately there have been, said Mr. Gilleghan, several instances of the publication of prices by manufacturers before the P.A.T.A. publication. He asked that the P.A.T.A. should look into this and, if

necessary, bring pressure to bear on manufacturers to delay their publication. Mr. M. E. Murray asked whether the L.A.E. is taking due note of the organisation of assistants and preparing the master's side. He asked, also, whether the Pharmaceutical Council is taking any steps to meet the hard case of ex-Service men who have never been in pharmacy before and who are waiting for an opening in a college of pharmacy. Mr. Hayes thought that chemists might copy the medical profession's methods on the subject of remuneration for Insurance dispensing, and questioned whether the P.A.T.A. had a winning case on the point under the Profiteering Act as to charging current prices when old prices are indelibly stamped on the container. Mr. Keill, in response, said there is no reason why the Association should not be preparing to establish 'the employers' side of the Industrial Council. In reply to Mr. Smith, he said the exemption of the ex-Service man is a little of pharmacy's tribute to what those men have done. Such cases as Mr. Murray mentioned will receive every consideration. He would take back to the P.A.T.A. Council Mr. Gilleghau's suggestion as to altered price publication. If the P.A.T.A. has to fight the point as to indelibly-marked old-time prices, he had no doubt they will be able to find a suitable case to take to appeal. He agreed that extended accommodation for ex-Service students must be found. A vote of thanks was awarded Mr. Keall.

London (Co.).—A meeting of the Executive Committee of the London County Pharmaceutical Association was held on December 16, Mr. G. B. Barnard (President) in the chair. In connection with the forthcoming election of the P.A.T.A. Council (Retail Section) letters were received from the County of Surrey and Thames Valley Associations soliciting votes for Mr. A. Higgs, Kingston-on-Thames, and from the Leeds Chemists' Association for Mr. N. N. Armitage. The secretary was instructed to send suitable replies. A letter was received from a chemist regarding the supply of medicines for malaria patients and the action of the Ministry of Pensions. Several members gave their own experience on the subject, and it was ultimately ascertained that the Local Associations Executive would take the matter up with the Ministry of Pensions. Information was received that Hopgood's hair-cream would in future be labelled "Poison." Discussion of the draft scheme of federation was deferred. A discussion took place regarding the failure of certain manufacturers of proprietary articles to state the selling price in advertisements of their preparations. The Secretary was then requested to communicate with these makers. The prices of saccharin tablets, lysol, and aspirin tablets were next considered, and the report of the Pharmaceutical Insurance Sub-Committee was formally adopted. The Committee approved the issue of a London Chemists' Price List as suggested by Mr. Skinner, and a representative from each of the District Associations was provisionally appointed to assist Mr. Skinner and his Pricing Committee. The annual subscription for the list will be 5s., post free.

London (W.).—A meeting of the Western Pharmacists' Association was held at Pinoli's Restaurant, Wardour Street, W., on December 17, the President (Mr. H. S. Watson) in the chair. After the election of several new members, Mr. W. E. D. Shirliff read a paper on *Hospital and Red Cross Work*. Mr. Shirliff graphically narrated some of the exciting experiences which fell to his lot as a trained member of an ambulance corps during the war, and his brief history prompted the President and Mr. J. D. Marshall to the contribution of a few reminiscences. The remainder of the evening was occupied by a discussion on *Current Retail Prices*. The President, in opening the subject, outlined the unfavourable features of the new Profiteering Bill. Mr. J. D. Marshall referred appreciatively to Mr. Netherway's paper in *THE CHEMIST AND DRUGGIST* on the cost of dispensing (*C. & D.*, December 13, p. 56), and pointed out that chemists frequently forgot to allow for their own services in the pharmacy and for interest on capital. Uniformity of charges was, he thought, impossible. Mr.

J. P. Ellerington also referred to Mr. Netherway's paper, and gave some interesting statistics of overhead charges, suggesting that no transaction was remunerative if it showed a gross profit of less than 3d. Mr. Alfred Higgs, J.P. (Kingston-on-Thames) gave a lucid exposition of the present position of traders in relation to the Profiteering Act, and referred, by way of illustration, to some recent cases in which he has appeared for the respondents. Authoritative rulings are, in his opinion, necessary on the question of cost price and on that of reasonable profit. The policy of the Proprietaries Articles Trade Association was also discussed. Mr. Higgs's speech was very cordially received, and several questions were asked him. The discussion was continued by Messrs. C. T. Allen (who dealt with some of the points in Mr. Netherway's paper), G. Duncan Bowie, C. T. Noble, J. A. Alban Atkin, and others. It was decided, by a large majority, that 1s. was a suitable retail price for a bottle of 25 5-gr. aspirin tablets. A vote of thanks to Mr. Shirliff concluded the proceedings.

Manchester.—The monthly meeting of the Manchester Pharmaceutical Association was held on December 10, the President (Mr. A. Hershberg) in the chair. Captain W. A. Poucher was to have given an address on *A Scheme for an Army Pharmaceutical Service*, but unfortunately was prevented from doing so owing to the industrial strike at the "Ucal" works at Cheltenham. However, Captain Poucher had sent on his paper, so Mr. T. Miller (hon. secretary) read it, and was listened to with much interest. A vote of thanks was directed to be sent to Captain Poucher, and in the absence of the lecturer no discussion took place. The President then read a letter which had been received from the Halifax Chemists' Association regarding the inadequate profits on many proprietary articles, and asking for support in their endeavour to boycott unprofitable patents. After some discussion it was decided to defer any action until a later date. A notice is to be sent to the members of the Association with regard to closing during the Christmas holidays (see p. 46).

Newport (Mon.).—A meeting of the Newport (Mon.) Chemists' Association was held on December 9, Mr. T. J. Badgett (President) in the chair. The Profiteering Act was discussed, and a resolution passed in favour of the current wholesale cost price being taken as the basis of the current retail price. Mr. Benson Harries expressed disapproval of a reply received from the Local Associations Executive, refusing to adopt a suggestion from the Newport Association that a standard price-list should be adopted by or issued under the authority of the Local Associations Executive. It was decided to support the candidature of Mr. Alfred Higgs, J.P., at the forthcoming Proprietaries Articles Trade Association Council election. Following a suggestion made at the South Wales Federation meeting, Mr. Benson Harries advocated complete separation of prescribing from dispensing, with a professional status and State protection. Mr. Menhinick, in opposing the suggestion, regarded the idea as impossible to carry out in actual practice, and contrary to a chemist's material interests. The motion was rejected. It was decided to subscribe 6d. for each member of the Association towards a testimonial to the retiring secretary of the South Wales and Monmouthshire Federation "Square Topics" was then read and discussed.

Perth.—The Perthshire Pharmacists' Association held a meeting on December 10, at which Mr. J. J. Forbes presided. After tea Mr. Thomas Guthrie (member of the Pharmaceutical Council) addressed the meeting and reviewed current pharmaceutical topics generally, dealing with such subjects as education and training of the apprentice, the new scholastic opportunities afforded him for study and advancement, and the division of the Minor examination. He enumerated the educational facilities offered to Service men, and commended the Society for its considerate action towards those who had served in the great war. The Profiteering Act, the War Auxiliary Benevolent Fund, and the grateful appreciation of Belgian pharmacists for the help extended to them by their British *confrères* were also alluded to. After a general discussion

the meeting then resolved itself into an informal gathering, and a vote of thanks was accorded to Mr. Guthrie.

Public Analysts.—A meeting of the Society of Public Analysts was held at the Chemical Society's Rooms, Burlington House, London, recently, Dr. Samuel Rideal (President) in the chair, at which a paper was read on *The New Distillation Method for Detecting Adulteration in Butter, and for Estimating Fats of the Coconut Group*, by Mr. G. Van B. Gilmour. The method consists in separating the volatile acids into two groups depending on their solubility or insolubility in saturated brine (NaCl). Results are given for the application of the method to the distillate from the Blichfeldt apparatus. These results indicate that the composition of a fatty mixture deduced in this manner is more reliable and more rapidly obtained than by the combination of the Reichert-Meissl-Polenske-Kirschner method. Mr. B. S. Evans then gave *A New Process for the Determination of Arsenic, with Notes on the Chemistry of the Marsh-Berzelius Process*. Arseniuretted hydrogen evolved by reduction with zinc and sulphuric acid is decomposed by ignited copper. The increased weight of copper is divided by a factor which was discussed, and the necessity for the absence of heavy metals was shown. The retention of arsenic in the Marsh-Berzelius test is considered to be due to (a) metallic arsenide, (b) arsenic. The author also put forward an explanation of Chapman's modification using cadmium.

Salford.—The Salford Pharmaceutical Association held a whist-drive at their rooms, 40 The Crescent, on December 11. There were over seventy guests present. The prizes were distributed by Mrs. Harrop as follows: *Ladies*: 1st, Mrs. Cuttifford; 2nd, Miss Martin. *Gentlemen*: 1st, Mr. Matz; 2nd, Mr. Faulkner. Hidden number, Mrs. Simmons. Mr. Davison acted as M.C.

Scottish Federation—A meeting of Renfrewshire chemists was held at Paisley, on December 12, to consider the formation of a branch of the Scottish Pharmaceutical Federation. Mr. H. P. Arthur (Glasgow) (member of the Executive Council) and Mr. A. Murray (secretary) were present. Mr. H. Stewart, who occupied the chair, expressed himself in favour of federation. Mr. Murray gave a short *résumé* of the aims and objects of the Federation, and after he had replied to questions it was resolved to form a branch. Office-bearers were appointed as follows: Mr. R. Inglis, *President*; Messrs. A. Fraser and B. McLean, *Vice-Presidents*; Mr. A. Robertson, *Treasurer*; and Mr. Angus Brown, *Secretary*, along with a Representative Committee. The meeting then discussed the scale of wages and suggested hours of business, and resolved to send on their views to the Executive Council.

Sheffield.—A meeting of the Sheffield Pharmaceutical and Chemical Society was held on December 10, at which Mr. E. Preston presided. The secretary reported that he had received a reply from the Town Clerk saying no Advisory Committee had been or was likely to be set up under the Profiteering Act. So far as a seat upon the Tribunal was concerned, no vacancy was open for a member of the Society. The discussion was adjourned for the secretary to secure further information. Mr. J. T. Appleton moved that the members of the Society be recommended to join the Middle Classes Union. On the motion of Mr. Antcliffe it was decided to ask the Council to draw up some scheme for the pricing of prescriptions on the line of Mr. H. B. Hammond's paper (*C. & D.*, September 27, p. 75). It was decided that the Society's minute-books should not be deposited at Weston Park Museum. The President called upon Mr. J. T. Appleton to give an address on *Pharmacy Law*. The lecturer said he intended to promote a general discussion rather than give a lecture, and outlined the conditions leading up to the passing of the Apothecaries Act, 1815, and the formation of the Pharmaceutical Society of Great Britain. The efforts of Jacob Bell in raising the status of pharmacy resulted in the 1852 Act. The speaker considered that it is very doubtful if a case could be maintained in the High Court for the use of the letters M.P.S. Mr. Appleton then proceeded to explain the many Acts and Regulations which affect chemists. With reference to the recent *by-law*, he recalled a statement he had made

in a paper given in 1909 on the 1903 Act, "I view with great alarm Part B of Section 4, 1903, which gives power to accept in lieu of the Minor certificate for registration as a chemist and druggist, parchment issued by the Apothecaries' Hall and military dispensers. Great pressure will be brought to bear upon the Pharmaceutical Society of Great Britain by these two most powerful Associations." This has turned out a very true forecast. In referring to the Profiteering Act, he wished Mr. Austen every success in his appeal. In reply to a question by the President whether it is necessary for a qualified person always to be on the premises, he thought not so long as the registered person was the *bona-fide* manager. He favoured the opinion of Mr. Bernard Ellis that an article priced in the window was a contract for sale, although Mr. Crossley Holland gave a directly opposite opinion. A "one-shop" limited company was not compelled to exhibit a certificate of registration. He thought that medical men were not exempt from labelling, etc., under Section 17 of the 1868 Act. He doubted very much if the proper notice is being displayed by chemists drawing attention to the shop being closed on the half-holiday except for urgent work. Great care should be taken to carry out the regulations under D.O.R.A., and he reminded his hearers of the attempt which is being made to introduce the taking of samples under the Insurance Act.

Southend-on-Sea.—At a recent meeting of the Southend-on-Sea Association of Pharmacists, Mr. R. H. Shields in the chair, Mr. Hamilton, jun., in an interesting address, outlined his experiences in the R.A.M.C. in England and Mesopotamia from the date of enlistment. He commented on the climate of the East and the many sequences which tried the patience of the troops in Mesopotamia. Proceeding to describe his travels, he referred to Bagdad, where there is a School of Pharmacy founded during the British occupation, and which appears now to be flourishing. He also surveyed the character of the diseases treated at the hospital, and he referred to the extraordinary value of vaccine inoculation. The method of sterilising drinking-water, by the addition of 2½ per cent. chlorinated water in the proportion of 1 oz. to 100 gallons, was also described, and, in conclusion, the speaker gave a general survey of the injustices to which chemists were subjected through the absence of the recognition of qualifications which undoubtedly fit them for commissioned rank and important offices. A number of snapshots were handed round.—The meeting then considered the developments of the Profiteering Act.

Surrey.—The monthly meeting of the Redhill and Reigate Association was held on December 10, under the chairmanship of Mr. Knight (Purley). The question of a price-list for the area was discussed, when it was suggested that copies of the minimum retail and the standard price-lists should be sent to each member of the Association for consideration, and a decision will be taken at the next meeting, in January. It was unanimously decided to support the candidature of Mr. Higgs (Kingston) for the retail section of the Proprietary Articles Trade Association. It was suggested that a dinner be held in January.—A meeting of chemists of the Sutton area (which includes Epsom and Leatherhead) was held on December 11. There was a good attendance. Mr. Fowler (secretary of the County Association), who was elected to the chair, explained the principles by which the County Association had divided up the county of Surrey into nine areas, so that every chemist should have an opportunity of joining an Association. It was resolved to form an Association for the area, which will be called the Sutton and District Association of Pharmacists. Mr. Crosland (Sutton) was elected *Chairman*, and Mr. Chesworth (Sutton) *Hon. Secretary pro tem*. A committee was also appointed to draw up rules, etc., for presentation to the next meeting.

West Ham.—At a special meeting of the West Ham Association of Pharmacists held on December 11, Mr. A. Catto (President) in the chair, the Vice-President (Mr. E. N. Lloyd) in the name of the Association presented a handsome clock to the President in recognition of his valuable services both as secretary and as President and

to commemorate his marriage during his term of office. After the President had replied, Mr. Potter addressed the meeting under the auspices of the National Federation of Discharged and Demobilised Soldiers and Sailors for the benefit of the children of those who had given their lives in the national cause. The sum of 2l. 2s. was collected. The secretary then read a number of replies received from chemists, mostly favouring the adoption of Philip's list. The report of the sub-committee appointed to deal with the price list was then given by Mr. Lloyd, who stated that the list had been thoroughly revised to meet local prices. He, however, advised the members to try the list which was being prepared for the whole of London, which would, he believed, be accepted as a standard. Mr. Kirkpatrick supported the London list on account of the fact that Philip's list might be objected to as being a one-man list, on the other hand the minimum retail price list was condemned by its title. After further discussion it was resolved that Philip's list be adopted, with monthly alterations. Mr. Freeman suggested that the Pharmaceutical Society should be asked to take up the case of dispensing prescriptions at an adequate profit. Referring to the Allen & Hanburys, Ltd.'s case, Mr. Reed asked whether this company considered that 3½d. was in their opinion a sufficient profit on a 5s. 8d. prescription, and it was agreed to write them on the matter. The meeting then elected the Pricing Committee, consisting of the President and Messrs. Kirkpatrick, Lloyd, Lord, Pratt, Reid, and Clifford Jones. The terms of the new Insurance contract were then dealt with, Mr. Cleland referring to the bold attitude of the Scottish chemists.

Women Pharmacists.—A meeting of the London Group of the National Association of Women Pharmacists was held on December 3, Miss Gilliatt in the chair. At the beginning of the meeting Miss Gilliatt gave a report of the deputation to the Pharmaceutical Council in connection with the Qualifying Examination Regulations. She also referred the members to the reports given in the trade journals, various parts of which she explained in detail. A discussion followed. An interesting address was then given by Mr. A. H. Jenkin on *The Complete Regulation of the Practice of Pharmacy*, in which he made many useful suggestions for the future development of the various branches of pharmacy. A resolution was passed that a letter should be sent to the Ministry of Health drawing attention to the fact that all dispensing for the Ministry should be performed by, or under the supervision of, a pharmacist, and requesting that a deputation in support of the resolution should be received. Miss Andrews has now returned from Canada, and has resumed her duties as employment secretary.

Festivities.

Bournemouth Assistants' Whist-drive.

THE Bournemouth Chemists' Assistants' Association held a successful whist-drive on December 10. The number present was 113, and the prizes were given by the Association. The prize-winners were: *Ladies*—1st, Miss Adams; 2nd, Miss Craswell; hidden number, Miss Johnson; booby, Mrs. Patrick. *Gentlemen*—1st, Mr. Vine; 2nd, Mr. Fuller; booby, Mrs. Scampton (playing as gentleman).

Lewis & Burrows' Directors Fêted.

THE staff of Lewis & Burrows, Ltd., gave a complimentary dinner to the directorate of the company at Pagan's Restaurant, London, on December 11. The following guests were present: Messrs. J. R. Brough, W. B. Trick, and J. K. Matterson (directors), Mr. E. W. Gough (managing director), Mr. W. J. Speatley (secretary), Mr. J. W. Davis (auditor). After dinner a musical programme was contributed by Messrs. W. B. Trick, Walden, D. P. Jones, B. Jones, Pyle, McCrae, and Kilner; and "Auld Lang Syne" concluded an enjoyable evening.

Cartwright's Social Evening.

AN enjoyable social evening was held at the Rawdon Conservative Club on December 16 in connection with the

Needlework Society of W. B. Cartwright, Ltd., manufacturing chemists, Rawdon. There was a large attendance, which included all the directors. A programme of dances was varied with musical items from members of the society. Refreshments were supplied and prepared by the canteen staff. Specimens of the work of the society were exhibited and highly spoken of. Other classes are being arranged upon allied subjects to commence early in the New Year.

Aberdeen Firm's At Home.

THE staff of Wm. Paterson & Sons, wholesale druggists, Aberdeen, with their friends, held an "At Home" in R. K. Smith, Ltd.'s, rooms, Union Street, on December 13. About sixty-five couples sat down to supper, presided over by Mr. David Ross, who welcomed the guests. Dancing was carried on with great gusto until 11 p.m., when it terminated with "Auld Lang Syne." The programme was interspersed with songs rendered by Misses Penny and Bruce and Mr. Forsyth, and solo dancing by Misses Duncan and Sheriffs. The duties of M.C.s were efficiently carried out by Messrs. Murray and Anderson, and Mr. Smith was convener of the Committee.

Trade-marks Applied for.

The figures in parentheses refer to the classes in which the marks are grouped, for a list of which, with particulars as to registration, see "The Chemist and Druggist Diary," vol. 2, p. 220.

(From "The Trade-marks Journal," November 12, 1919.)

- "CEMENTOL"; for chemicals (1) and for goods (4 and 47). By Fredk. Boehm, Ltd., 15 Jewry Street, London, E.C. 3. 393,763/4/5. (Associated.)
- "PHOENIX"; for goods (2). By Odams' Nitro-Phosphate and Chemical Co., Ltd., 5 Mark Lane, London, E.C. 3. 387,149.
- "HORTICIDE"; for chemicals (2). By Hawker & Botwood, Ltd., 50 Mark Lane, London, E.C. 3. 390,847. (Associated.)
- "ANAESTHOZONE BRAND; A DENTAL ANAESTHETIC"; for a dental anaesthetic (3). By J. C. Thackray, 36 Jonville Road, Fazakerley, Liverpool. 394,068.
- "GALLIO" under head of man wearing wreath in circle ("Gallio" disclaimed); for medicinal chemicals (3). By Emily S. Greetham, 13 Hatfield Road, St. Albans, Herts. 394,568.
- "PRIMIDS BRAND GLOBULES"; for medicated globules (3). By Smith & Co., 132 Borough, London, S.E. 1. 394,609.
- "E. I. M. GAYFER" in facsimile signature; for sanitary belts (11). By Ellen I. M. Gayfer, 11 Green Street, Charing Cross Road, London, W.C. 2. 392,385.
- "WINBURY"; for dental accessories (11). By H. Winter, 40 Aldermanbury, London, E.C. 2. 393,971.
- "DR. JAEGER'S SANITARY WOOLLEN SYSTEM CO., LTD." on device with portrait of Dr. Jaeger; for surgical belts, etc. (11). By Dr. Jaeger's Sanitary Woollen System Co., Ltd., 95 Milton Street, London, E.C. 2. 394,889. (Associated.)
- "BLUE JAY BRAND," with picture of bird and letters J. D. & Co.; for food substances (42). By J. Dodson & Co., 38/40 West Row, Stockton-on-Tees. 387,101. (Associated.)
- "PERFESCO"; for food substances (42). By J. R. Warin, 105 Crowther Road, South Norwood, S.E. 25. 390,522.
- "MILKMAID BRAND CONDENSED UNSWEETENED MILK," with picture of milkmaid, etc.; for milk, etc. (42). By Nestlé and Anglo-Swiss Condensed Milk Co., 6 and 8 Eastcheap, London, E.C. 3. 394,097. (Associated.)
- "ZINCHIT"; for beverages (42 and 43). By H. Stedart & Co., 20 Suffolk Street, Pall Mall, London, S.W. 1. 394,694/5. (Associated.)
- "STAFF ALIENS 1833" under picture of camel on turtle; for mineral waters, etc. (44). By Stafford Allen & Sons, Ltd., 7 Cowper Street, London, E.C. 2. 392,297. (Associated.)
- "MOUNTAIN BREEZE" and "HURRICANE"; for beverages (44). By J. MacArthur, Jun., Harbour Street, Tarbert, Loch Fyne. 394,137/8.
- "SPENDOR"; for all goods (48). By Colemate & Co., 177 Fulton Street, New York, U.S.A. 393,125.
- "KPAK"; for all goods (48). By T. Roberts, 35 Deane Road, Bolton, Lancs. 394,213.
- "KATHARISMA"; for perfumery, etc. (48). By H. Cross, 87 North Street, Huddersfield, Leicester. 394,610.

Trade Report.

42 Cannon Street, E.C. 4, Dec. 18.

At this period of the year, under normal conditions, business would have slackened off considerably in anticipation of the holidays and the end of the year, but this feeling is less apparent than usual, and a fair amount of business has been done. The undertone in many products continues firm, and the rising tendency of the past few weeks is still evident. As regards fine chemicals, fewer import licences than ever are being granted, with the natural result that holders of spot stocks of products which are manufactured here on a small scale only, or not at all, can readily obtain higher prices. Among the items which have advanced are gallic and tannic acids, amidopyrin, benzonaphthol, guaiacol carbonate, hexamine, lithia carbonate, resorcin, salol, methyl salicylate, and salicylic acid. Sulphonal is lower. Cream of tartar is irregular, and citric acid is cheaper. The Dutch and Java makers of quinine sulphate have advanced their prices by 5d. per oz. The few changes which have occurred in drugs include a further advance in balsam Peru, ergot, saffron, and menthol, the latter, together with mint oil, fluctuating somewhat during the last day or two. Gentian is firmer now than many of the cheap parcels have been sold; juniper-berries and Belgian valerian are easier. Dalmatian insect-flowers have arrived more freely. Vanilla was higher at auction; coca-leaves were lower at the Amsterdam sale. There was a good demand for castorum at the annual auction, and prices were lower. Seeds show little change, anise being dearer, while in spices, cloves are a trifle cheaper, and black pepper firmer. Shellac has had another "sky-rocket" advance in the spot and delivery market.

Higher	Firmer	Easier	Lower
Amidopyrin	Benzonaphthol	Cloves (Zan.)	Castorum
Anise	Bleaching- powder	Farina (Jp.)	Citric acid
Balsam Peru		Hen-yolk	Coca-leaves
Cassia lignea	Cream of tartar	Juniper-berries	(Amst. auction)
Chillies	Gallic acid	Lemon oil	Sulphonal
Ergot	Gentian	Liquorice-root	
Ginger (Jp.)	Guaiacol	Nutmegs	
Linseed oil	carbonate	(S'pore)	
Lithia carbonate	Hexamine	Valerian (B.-lg.)	
Menthol	Methyl		
Mint oil (Jp.)	salicylate		
Quinine sulph.	Pepper (black)		
(Java, Dutch)	Salicylic acid		
Resorcin	Tannic acid		
Saffron	Thymol		
Salol			
Shellac			
Turpentine			
Vanilla			

Cablegram.

NEW YORK, December 17.—Business is active. Milk-sugar is lower at 30c. per lb., and citric acid is also cheaper at 87c. Cartagena ipecacuanha has been reduced to \$3.15, and cascara sagrada to 16c. per lb. Guarana has advanced to 95c., buckthorn-bark to 65c., and balsam Peru to \$4.60 per lb.

ALBUMEN.—Prime Chinese egg is quiet, with spot sales at 5s. 3d. per lb., and for December-January shipment sellers quote 5s. 5d. c.i.f.

AMIDOPYRIN.—There is no relief to the scarcity, and holders now ask 65s. per lb. in limited quantities.

ANISE.—The market is very bare of stock; Spanish has been sold at 87s. 6d. up to 92s. 6d. per cwt. on the spot, and higher prices are asked for shipment.

ANISE OIL, STAR, is steady, with spot sales of "Red Ship" brand at 6s., closing quiet with sellers at 5s. 10½d. per lb. A fair amount of quiet buying has been in evidence lately.

ANTIMONY.—There is some inquiry for Chinese crude, but it is difficult to get any reliable quotation, the terms mentioned being about 40l. per ton c.i.f. for shipment. The Government stock of regulus was last month reduced

by 250 tons to 2,950 tons. While English refined is called officially 47l. 10s., terms for shipment are upward of 45l. c.i.f., but the demand is hesitating. The American market is firm.

ARSENIC.—The tendency is irregular. The supply of white Cornish powder is restricted, but Japanese is offering rather cheaply down to about 60l. a ton. The former now ranges from 65l. to 66l. a ton delivered London.

ASPIRIN is unchanged at from 4s. 3d. to 4s. 9d. per lb., as to quantity and seller.

BALSAM PERU.—The American price has advanced to \$4.60 per lb., and although the spot (London) is now 22s. to 23s., it is still below the cost to import.

BENZONAPHTHOL is about 1s. per lb. higher than when last quoted, importers offering at from 24s. to 25s. per lb. on the spot.

BISMUTH SALTS.—English makers report a good demand. Present list prices are: B.P. carbonate, 16s. 6s.; citrate, 16s.; nitrate crystals, 10s. 6d.; B.P. oxide, 18s.; salicylate, 14s. 6d.; subchlor., 16s. 3d.; subgallate, 16s. 6d.; and subnitrate, 14s. 9d. per lb.

BLEACHING-POWDER.—There is still a good demand for 35 to 37 per cent. The makers' price for over next year's delivery is about 15l. 10s. Sellers entire output is said to have been sold for home trade, consequently there is little available for export. Second-hand holders ask 18l. to 20l.

BROMIDES are substantially unchanged, and the prices are as given in last week's issue. Arrivals have been small since our last report, and considering that an import licence has to be obtained in this country and an export licence from Germany, the impediments in the way of obtaining supplies from that source will be appreciated.

CADMIUM is steady, but quiet, at 6s. 3d. to 6s. 6d. per lb.

CALUMBA.—The *Gaika* has brought 1,137 bags from Port Amelia and 233 bales from Mombasa.

CAMPHOR (REFINED).—One of the English refiners recently intimated that the shortage of crude compels them to use a proportion of slabs as raw material, so that it is easily gauged that still higher prices are practically inevitable. They quote flowers at 18s. 6d., 1-oz. tablets 18s. 9d., ½-oz. or ¼-oz. 19s., but these prices are not firm, and in second-hands 1-oz. are quoted at 19s. 6d. and ¼-oz. at 20s. Japanese 2½-lb. slabs remain firm, but quiet, with spot sales at 21s. to 20s. 9d. per lb., and November-January shipment at 19s. 6d. c.i.f.

CANARY-SEED is quiet, but steady, at 215s. to 227s. 6d. per quarter for ordinary to good Morocco.

CARAWAY-SEED remains unchanged at about 51s. 6d. per cwt. for fair Dutch on the spot.

CARBOLIC ACID.—A considerable export business is in progress, and prices are very firm and in higher tendency. Supplies of 39° to 40° C. ice crystals offer at 10½d. per lb. in large bulk packing.

CASCARA SAGRADA is tending firmer on the spot, and for last year's crop from 107s. 6d. to 110s. per cwt. is now wanted, with sales at the inside figure. Our New York cable reports a reduction to 16c. per lb.

CASSIA LIGNEA.—On the spot sales have been made at 90s. to 97s. 6d. per cwt. for whole selected; broken afloat is quoted at 82s. 6d. c.i.f., and on the spot at 77s. 6d.

CASTORUM.—At the annual auction held on Wednesday there was a fair demand at lower prices. The Hudson's Bay Co. offered about 3,580 lb., which practically all sold, including YF firsts at 95s., seconds at 52s. to 53s., thirds at 25s., and pickings at 12s.; cuttings, 5s. to 5s. 6d. per lb.; MR seconds at 50s., thirds at 25s.; Canada firsts, 81s.; seconds, 50s.; thirds, 25s. to 25s. 6d.; pickings, 12s.; NW firsts, 94s.; seconds, 50s.; thirds, 25s.; pickings, 12s. to 12s. 6d. Of Oregon castorum 3,194 lb. offered and about 2,000 lb. sold, including fair to good firsts at 50s. to 59s.; ordinary, 31s.; firsts and seconds, 34s. to 38s.; fair to good seconds, 16s. to 25s. (one lot 32s.); thirds, 9s. 6d. to 14s.; and pickings, 5s. 6d. per lb.

CHAMOMILES are quiet, with fair white Belgian offering at 175s. per cwt.

CHILLIES have been in fair inquiry, good Mombasa selling at about 63s. to 65s., and for good bright Nyasaland 80s. is asked.

CINCHONA.—At auction at Amsterdam, on December 11, 759 packages (384 bales and 375 cases) Java pharmaceutical (*Succirubra*) bark offered, weighing 41,414 kilos, and containing the equivalent of 1,039 kilos. quinine sulphate, which sold at from 51 cents to 200 cents per half-kilo. The first-hand stock of bark at Amsterdam on November 30 amounted to 2,576 packages, including the quantity offered above.

CITRIC ACID is usually dull at this period of the year, and the market is easier at from 4s. 1d. to 4s. 2d. per lb.

CLOVES are quiet and the turn easier, with spot sellers of fair Zanzibar at 2s. 4½d. per lb.

COCA-LEAVES.—At auction at Amsterdam, on December 11, 1,341 packages Java, weighing 74,550 kilos., offered, the total alkaloidal content being 858 kilos., of which 879 packages, weighing 48,650 kilos., with a total alkaloidal content, of which 582 kilos. sold at from 59½c. to 144c. per half-kilo. The average unit was 72.12c., against 77.81c. at the previous auction, and the average alkaloidal content was 1.15, against 1.33 at the previous auction.

COD-LIVER OIL.—Our Bergen correspondent writes on December 8 that the market is slow of sale, and prices, in the absence of business, are nominal.

COPPER SULPHATE.—There is more inquiry, and the tone seems rather firmer at 41l. per ton for casks f.o.b. Liverpool. There was some recovery in the exports last month to 1,340 tons, making a total of 31,304 tons for eleven months, against 42,092 tons and 41,340 tons for the same period in 1918 and 1917 respectively. The demand from the Continent is improving.

CORIANDER-SEED is quoted 21s. per cwt. for good Morocco, with a small business passing thereat.

CREAM OF TARTAR is a little irregular, there still being spot sellers of Italian 99 to 100 per cent. powder at 265s. per cwt., but some ask 270s.

CUMIN-SEED is slow of sale; the quotation is 45s. per cwt. for good sifted, but a higher price has to be paid for retail lots.

EGG-PRODUCTS are inactive. Chinese liquid hen-yolk is quoted at 150s. on the spot, and for November-December shipment 150s. c.i.f. is also asked. Dried whole on the spot is 2s. 6d. per lb. Liquid whole afloat and for November-December shipment is 145s. c.i.f. Dried yolk on the spot is 2s., and December-January shipment is 2s. per lb. c.i.f.

ERGOT continues to advance, and sales have been made at 25s. per lb. on the spot, with 27s. 6d. asked.

FARINA is quiet and easier, with spot sales of No. 1 Japanese at 38s. 6d. To arrive, December-February shipment has been sold at 38s. c.i.f. London, January-March and April-June shipment at 38s. 6d. per cwt. c.i.f. Liverpool. Sweet-potato flour is 32s. 6d. on the spot, and January-March is 31s. 6d. c.i.f.

FENUGREEK-SEED is unchanged at 16s. per cwt.

GALIC ACID is slightly higher again at from 6s. 9d. to 7s. per lb., owing to the higher prices which galls realise. *Tannic acid* is also firmer, as little is being brought forward from the United States; values are from 11s. to 11s. 6d. per lb.

GALLS.—Chinese are firm, plum-shaped offering at 185s. per cwt. on the spot, and afloat at 180s. c.i.f.; ordinary shape is 180s. spot, and afloat 175s. c.i.f.

GENTIAN is firmer, sellers asking 57s. 6d. per cwt. on the spot for fair.

GINGER is 7s. 6d. per cwt. higher for Japanese, which has been sold at 55s. to 60s. per cwt. Sierra Leone is unchanged at 65s. There has been a fair demand for Jamaica for export to the U.S.A., and the lower qualities are dearer. Common to good common is 82s. 6d. to 90s., and medium to good 95s. to 105s.

GLUCOSE.—American water-white liquid to arrive is offered at 51l. per ton c.i.f. Liverpool, in bond, calculated on an exchange rate of \$3.90; on the spot 60s. to 65s. per cwt. is quoted.

GUAIACOL CARBONATE is dearer at from 30s. to 31s. per lb. on the spot.

HEXAMINE is 6d. to 1s. higher at from 10s. 6d. to 11s. per lb.

INSECT-FLOWERS.—A fair quantity (about 300 bales) has arrived from Trieste this week, but the bulk has probably been sold to arrive. The value of Dalmatian is about 310s. per cwt.

JUNIPER-BERRIES are a trifle easier, with fair supplies, and 32s. per cwt. will buy.

LEAD OXIDE.—There is more business passing, while prices were late last week raised another 4l. a ton, and they range thus: Red lead and litharge, 57l. to 56l.; dry white lead, 63l.; and white lead in oil, 74l. 5s. per ton, both for the home trade and export. There has been some set-back in the price of raw material, but in the case of white lead in oil, at any rate, this will be found more than offset by the renewed advance in the price of linseed oil.

LEMON OIL is a trifle easier on the spot, good brands offering at 5s. 3d. to 6s. 6d., and to arrive from 6s. 6d. to 7s. c.i.f. is quoted.

A Palermo report, dated December 8, states that the market was somewhat easier during the early part of last week in consequence of a decline in fresh lemons, brought about by the unfavourable New York market. During the last days, however, we had again a heavy advance in the exchange of dollars, and although the rate in sterling has followed the movement on a much more reduced scale still, the higher market rate made it possible for exporters to pay full prices for such orders as have come in, and this has immediately given a much firmer tone to the market.

LINSEED OIL shows a further slight advance, the spot (London) price closing at 107s. to 108s. naked, and Hull is 105s. 6d. naked ex mill.

LIQURICE-ROOT.—Cut decorticated is not so scarce as what it was, and can be had at from 185s. to 200s. per cwt. as to quantity.

LITHIA CARBONATE.—American make is scarce on the spot for prompt delivery, and is offering forward at from 9s. 6d. to 10s. per lb. c.i.f.

MENTHOL has been fluctuating, but on balance prices are again higher. Late last week spot sales of Kobayashi-Suzuki were made at 77s. 6d. to 80s., and the week closed at 79s. 6d. sellers, but subsequently sellers appeared at 77s. 6d., at which price the market closed on Wednesday. Combined with oil sales to arrive have been made at 92s. 6d. to 95s. per lb. c.i.f.

METHYL SALICYLATE is in good demand, and is firmer at from about 4s. 9d. to 5s. for spot supplies.

MILK-SUGAR.—Dutch remains steady at from 215s. to 220s. per cwt. on the spot for finest powder. American makers announce a reduction to 30c., but that is not likely to influence this market.

MINT OIL, in sympathy with menthol, has fluctuated 1½d. either way. Late last week the favourite brands sold at from 17s. 9d. to 18s. to 18s. 1½d. on the spot, but on Tuesday business was done at 18s. 3d., and on Wednesday there were sellers at 17s. 9d.

MUSTARD-SEED.—Good English yellow is first at 95s. per cwt.

NUTMEGS.—Singapore are more freely offered and are rather easier, while West Indian remain scarce.

OPUM.—Prices are unchanged as given last week, and no movement of any importance is anticipated during the remainder of the year.

ORANGE OIL.—Sicilian sweet remains firm at about 20s. to 20s. 6d. per lb. c.i.f., and on the spot 19s. 6d. to 19s. 9d. is quoted.

A Palermo report, dated December 8, states that the very high prices paid for fresh oranges and the small supply of fruit for pressing purposes are telling more and more on the market for this oil, and the position remains exceedingly firm.

PEPPER is firmer on the week, with spot sales of fair Black Singapore at 11d. to 11½d. to 11d., and January-March shipment has been sold at from 11d. to 11½d. per lb. c.i.f. Lampong on the spot is 11d., Tellicherry 1s. 1½d., and Aleppy 10½d. White pepper is steady at 1s. 5d. for Singapore on the spot and 1s. 4d. c.i.f. for January-March shipment. Muntok has been sold at from 1s. 5½d. to 1s. 6d., and to arrive the sales include December-January at 1s. 4½d. and January-March shipment at 1s. 4½d. to 1s. 5d. c.i.f.

PHENOLPHTHALEIN is offered at from 13s. to 13s. 6d. per lb. on the spot.

PHOSPHORIC ACID is in good demand, and is offering at about 45*l.* per ton f.o.b. Antwerp for 45° to 50° Beaumé.

PIMENTO is steady, with small sales on the spot at 6*d.* per lb.

POTASH IODIDE.—Arrivals from Japan comprise 98 cases to London. The spot price of Japanese make in cases is 15*s.* 6*d.* per lb. The exports from Japan during August amount to 9,116 kin, valued at 61,837 yen. During the eight months ended August 31 they were as follows:

	1917	1918	1919
Kin	99,045	126, 97	69,946
Yen	601,366	775,543	452,103

Of crude iodine 785 kin, valued at 6,697 yen, were exported during August, and the exports for the eight months ended August 31 were:

	1917	1918	1919
Kin	20 636	50,171	16,126
Yen	148,654	313,595	108,100

POTASH PRUSSATE.—The Government is inclined to issue permits to import quantities of yellow prussiate over a period, but no permits, so far as we are aware, have been issued for the "ferric" (red) salt.

QUICKSILVER.—The market has shown unabated firmness, due to the marked paucity of offers. Business thus remains very difficult, with quotations at 24*l.* to 24*l.* 5*s.* per bottle. The demand continues chiefly for parcels available, while buyers do not care to negotiate business for shipment. Unless fresh parcels come along from the Continent, prospects as to an increase of business are not promising, and market conditions will presumably continue tight. There is a continuous scarcity in the New York market. The price in Spain was last month again advanced for domestic consumption to 306 pesetas per bottle of slightly over 34½ kilos. f.o.t. Almanadejos. This is the official quotation of the Almaden mines, based on the average of the London quotations and the rate of exchange during October. Evidently there has been a further revision in Spain for the current month. The Board of Trade returns give the following figures:

	1917 lb.	1918 lb.	1919 lb.
Imports (Nov.)...	374,124	—	—
do (Jan.-Nov.)...	2,172,434	1,077,460	2,608,719
Re-exports (Nov.)...	61,500	103,250	88,509
do (Jan.-Nov.)...	416,215	749,670	2,678,296

QUININE.—The Dutch and Java manufacturers have been compelled to raise their price for quinine sulphate. This has now been officially fixed by Amsterdam at 3*s.* 10*d.* per oz., instead of 3*s.* 5*d.* That the Dutch makers have seen fit to take this step is not surprising when it is reflected that the present rate of exchange Amsterdam on London is extraordinarily low. It was low enough in all conscience when Amsterdam fixed 3*s.* 5*d.* per oz. as the standard ruling price, but the rate of exchange has fallen even lower than at that time. When 3*s.* 5*d.* per oz. was fixed, approximately 11.50 guilders equalled the pound sterling; to-day only 9.90 guilders will buy 1*l.* The English makers are only able to supply very restricted quantities, and give their old regular customers the preference in every case. They are particularly short of hydrochlor., bihydrochlor., and hydrobromide. Spot market remains unchanged at from 5*s.* to 3*s.* 3*d.* per oz. for sulphate from second-hand holders.

RESORCIN is very scarce on the spot, and the few sellers are able to obtain an extremely high price.

RHUBARB.—In spite of the recent arrivals there appears to have been no weakening in prices, owing to the manner in which the consignments have been absorbed. Flat High-dried is offered at 10*s.* and rough round at 8*s.* 6*d.* to 9*s.* per lb.; seventy-five cases of rhubarb have been received from Shanghai.

SAFFRON is still advancing, importers asking 77*s.* 6*d.* to 80*s.* per lb. for finest Valencia.

SAL AMMONIAC.—There are inquiries for the Continent, but sellers are hard to find, and the market seems chiefly nominal. The quotation for second quality is somewhere near 90*l.* a ton f.o.b.

SALICYLATES.—The undertone in salicylic acid is very firm owing to the rising tendency of carbolic acid, and the

fact that the market has to depend entirely on English make. B.P. acid powder is worth from 2*s.* 8*d.* to 2*s.* 10*d.*, and B.P. sodium salicylate powder 3*s.* 6*d.* to 3*s.* 9*d.* per lb. as to quantity.

SALOL is in good demand, and spot holders ask the advanced rates of from 6*s.* 6*d.* to 7*s.* per lb.

SENEGA continues firm at from 10*s.* 6*d.* to 11*s.* per lb. on the spot.

SENNA.—Tinnevely remains firm, and holders of good, clean, bright green ask 1*s.* 3*d.*, and middling grades are worth 9*d.* Good green Alexandrian pods are offered at 1*s.* 5*d.* and siftings at 11*d.* per lb.

SESAME-SEED is steady, with African quoted at 45*l.* per ton.

SHELLAC.—The market is more rampant than ever, and a further advance of from 50*s.* to 60*s.* per cwt. has taken place. Last week the values of the usual standard TN Orange quality closed at from 640*s.* to 645*s.*, but this week up to 700*s.* per cwt. has been paid; caley AC Garnet has been sold at from 500*s.* to 560*s.*, GAL at 480*s.* to 540*s.* The arrival market in the absence of sellers is nominal, but in "futures" a large business has been done at an advance of from 30*s.* to 70*s.*, chiefly in March and May positions. The sales include TN for December delivery at 650*s.*, March at 630*s.* to 700*s.* to 690*s.*, and May at 620*s.* to 695*s.* to 675*s.*

SODA PHOSPHATE is firm at 35*l.* per ton for commercial crystals.

SODA SULPHIDE.—There is very little available in drums, but the demand continues for 60 to 65 per cent, concentrated in casks at about the prices mentioned last week.

SODA TARTARATE.—English makers report the demand as phenomenal, and are several weeks behindhand in deliveries. In one instance it is announced that they are prepared to beat competition where lower prices than theirs are quoted.

SPIRIT (METHYLATED).—Particulars of the registration of a private company for making methylated spirit are given on p. 55.

SULPHONAL is still tending downwards, importers offering at 57*s.* per lb.

THYMOL.—The cheaper stocks of the Indian product appear to be exhausted, and with the rise in the rupee the tendency is still upwards, from 38*s.* to 40*s.* being quoted. Probably owing to the high price of menthol, the demand for thymol has improved, as it can be used as a substitute in antiseptic preparations.

TURPENTINE.—There has been marked firmness, and prices after easing slightly late last week have again risen quite substantially on an active demand. Forward positions have fully shared in the advance, sellers being still reserved in view of the well-sustained firmness in the American trade. Manufacturers of paints and varnishes are very busy, and American producing groups are confident of maintaining a high level of prices for some time. Prices for distant positions have risen to about 133*s.* per cwt., and the spot price closes at 135*s.*

VALERIAN is a little easier, Belgian offering at 165*s.* per cwt.

VANILLA.—At auction, on Friday, the small supply of ninety-five tins Seychelles offered, and sold with good competition at rather higher prices, comprising fair to good firsts, 5 to 8 in., at from 9*s.* 6*d.* to 14*s.*; good seconds, 4 to 7½ in., 10*s.* to 11*s.*; firsts, splits, 9*s.* 9*d.* to 10*s.* 6*d.*; ordinary 8*s.* 6*d.* to 10*s.*, brown and split 7*s.* 6*d.* to 9*s.* 3*d.* per lb.

Import Restrictions Illegal.

A decision of far-reaching importance was given in the King's Bench Division on Wednesday by Mr. Justice Sankey in the import restrictions test case (the Attorney-General v. Brown & Forth), when the Judge gave his considered judgment against the Crown. Put briefly, the decision means that restrictions of the import of goods, other than arms, ammunition, gunpowder, "or any other goods"—these words being held by the Judge to cover only goods of the same class—are invalid and illegal. The case is fully reported on page 54. Leave to appeal has been granted, and the matter may eventually be carried to the House of Lords. Pending the appeal, we anticipate the Import Restrictions Department will "carry on" as usual. We note, however, that Sir Donald Maclean is to call the attention

of the Prime Minister to the judgment in the House of Commons to-day (Thursday), and will ask what action the Government propose to take in consequence.

French Jessamine and Tuberose Crops.

Now that harvesters and owners of the flower-fields have pocketed their money, and powder-makers sifted and put ready for sale the pomades for the current year, it is possible to give buyers an accurate statement of the crops of jessamine and tuberose. Firstly, the prospects at the end of July were not at all bad compared with the previous year. Though the price of the flowers was already rather high, fr. 6.00 per kilo. or so was asked for jessamine and fr. 9.00 for tuberose. In normal times flower work is taking place from the end of July up to mid-October for tuberose and to the end of October for jessamine, but unfortunately bad weather hindered the work towards the end of September, and handicapped greatly the manufacturing or "enfleurage" in damaging the plants and preventing a regular crop. Indeed, flowers in bulk could not reach the factories in full swing, and in October they had to undergo the same bad weather, and storms, hail, rain, etc., prevailed, hindering badly the conclusion of the work. Happily, tuberose pomades finished "early in October have a good enfleurage," but jessamine work, which closed only by the end of the same month, suffered. Flowers advanced more than anticipated; for tuberose fr. 14.00 per kilo. had been paid, and fr. 7.00 to fr. 8.00 for jessamine, in addition to which there was an advance in labour, and cost prices reached a level hitherto unknown. Besides, the high price of lard used for pomades must be kept in consideration, and instead of those beautiful odourless and snow white qualities of Italy and Serbia (the exportation of which is prohibited) perfumers had to use unsuitable American greases much less white, and with odour. In spite of these impediments high prices have been paid, and stocks were quickly exhausted.

The Quinine Question in Japan.

The "Yakugyo Shuho" of August 23, 1919, reported that Great Britain, America, France, and Italy had made special agreements with the Dutch exporters of quinine, with the result that a syndicate had been formed in these countries which had offered to provide quinine to Japan. Negotiations had taken place between representatives of this syndicate and some of the leading importers of quinine in Japan, with the result that the Mitsui Bussan Kaisha was chosen to represent the Japanese importers' interests in this question. M. Hoshi, of the Hoshi Pharmaceutical Co., has now protested against this arrangement, arrived at without his co-operation, as his company has already concluded contracts for the supply of large amounts of cinchona, extending over a period of three years, and has erected a large factory to deal with bark. This plant was erected in consequence of the Japanese Government's endeavours to promote home industries. In the meantime, according to the "Indische Mercuur," it has been definitely settled that quinine may be imported from Java into Japan without reference to the representative of the Japanese importers, and the Japanese Government is endeavouring to find a means of putting an end to the difficult relations existing between the manufacturers and the importers which have resulted from the arrangement entered into by the latter.

The Sugar Market.

The raw market has been under the influence of uncertainty as to the new official regulations which come into effect at the close of the year, together with a fresh Order prohibiting all dealings in sugar outside the United Kingdom on and after December 8 next, except under the authority of the Sugar Commission. The construction placed on this by brokers and others is that there will be a limitation of the issue of licences to import, and by this means a reduction in the volume of trade in sugar to much more moderate dimensions will be effected. The shortage of supplies, both present and prospective, not only in the United Kingdom but in America, evidently calls for drastic measures, and it seems not improbable that the market freedom in sugar which the latter country has lately enjoyed will be replaced by stricter control of some kind, though a very recent Press report stated that sugar in the United States had been placed on the list of free imports to that country. The general position is therefore causing considerable anxiety as to the future both here and elsewhere, and consequently the present hesitating condition of the market is not to be wondered at. Further, at this late period of the year the extra requirements of the season have been mostly satisfied, and greater attention is being paid to getting delivery than to engaging in further commitments.

Arrivals of Drugs, Chemicals, and Allied Produce.

The following arrivals have taken place at the ports named:

London (Dec. 3 to 8).		Liverpool (Dec. 1 to 6).	
Alcohol, wood (U.S.), 167 drms.		Bismuth ore (Ch.), 90 bgs.	
Barytes (R'dam), 200 cks.		Carbon black (N.Y.), 30 cs.	
Carbon black (U.S.), 212 cs.		Chemical products: (Fr.) 4 cs.	
Casein, (B'bay) 863 bgs., (N.Z.) 2,852 bgs.		Calc. acet. (U.S.), 5,457 bgs.	
Chemical products, etc.: Ammon sulph. (Jp.), 15 cs.		Formaldehyde (U.S.), 129 bbs.	
Argol (Fr.), 331 bgs.		Oxalic acid (R'dam), 23 bbs.	
Arsenic (R'dam), 40 cks.		Soda nit. (Chile), 68,975 bgs.	
Boric acid (It.), 400 bbs.		Soda perborate (New York), 80 bbs.	
Bromides: potash, (R'dam) 115 pkgs., (U.S.) 4 kgs.; soda (U.S.), 20 cs.		Soda phosph. acid (N.Y.), 100 bbs.	
Calc. lact. (Can.), 18 pkgs.		Soda pruss. (R'dam), 14 cks.	
Calc. phosph. (U.S.), 200 kgs.		Zinc oxide, (U.S.), 2,330 bbs., (R'dam) 25 cks.	
Lactic acid (Can.), 15 cs.			
Mercur. perchlor. (It.), 55 cs.		Drugs, crude, etc.: (Fr.) 228 cs.	
Milk sugar (U.S.), 277 bbs.		Aloes (U.S.), 15 cs.	
Pot. iodide (Jp.), 98 cs.		Balsams (N.Y.), 109 cs.	
Pot. phosph. (Alex.), 3,000 bgs.		Canagra root (Mex.), 1,190 pkgs.	
Pot. pruss. (Holl.), 42 cks.		Cascara (U.S.), 627 bgs.	
Potash salts: (kainit) (R'dam), 1,510 bgs.		Kola (W. Af.), 35 pkgs.	
Tannic acid (Can.), 25 bbs.		Tube-root (S'pore), 77 bbs.	
Tartar. (It.) 20 kgs.		Dyes, dyeing and tanning materials, etc.: eutch (R'goon), 400 bbs.; dyes (N.Y.), 5 cs.; dyewood ext. (U.S.), 75 bbs., 982 bbs.; extract, tanning (U.S.), 1,723 bbs., 257 bbs., 100 bbs.	
Tartaric acid (It.), 100 kgs.		87 cks.; gambier (S'pore), 1,354 cs.; logwood ext. (N.Y.), 50 bbs., (W.I.) 2,616 cks.; myrabolans (E.I.), 11,664 pockets, (crushed) 5,680 pockets, 1,147 pkgs., (extract) 780 bgs.; quebracho ext. (R. Plate), 60,000 bgs.	
Zinc sulph. (R'dam), 33 cks.		Egg products: albumen (Ch.), 112 cks., 379 cs.; whole (Ch.), 127 bbs.; yolk (Ch.), 201 bbs., 1,008 cks., 5 pkgs.	
Drugs, crude, etc.; herbs and roots, (Fr.) 125 pkgs., (U.S.) 35 cs.; roots (R'dam), 74 pkgs.		Gelatin (U.S.), 61 bbs.	
Aloes (U.S.), 100 cs.		Glucose (U.S.), 300 bbs.	
Belladonna root (Jp.), 25 bgs.		Lead, white, (U.S.) 373 bbs., (R'dam) 162 cks., 25 bbs.	
Camphor (Cb.), 311 cs.			
Cardamoms (Cey.), 232 cs.			
Castor-oil (Norw.), 80 bbs.			
Cubebbs (S'pore), 71 bbs.			
Dragon's blood (S.S.), 27 cs.			
Galangal (Ch.), 12 bbs.			
Henna (Alex.), 23 bbs.			
Menthol (Jp.), 115 cs.			
Nux vomica (E.I.), 390 pkgs., 576 bgs.			
Opium, (B'bay) 200 cts., (Smyr.) 80 cs.			
Orange-peel (U.S.), 22 bbs.			
Orris (It.), 95 bgs.			
Rhubarb (S'hai), 65 cs.			
Sarsaparilla (Alex.), 20 bbs.			
Senna (Tinn.), 690 bbs.			
Tamarinds (E.I.), 204 cks., 100 bbs.			
Turmeric (E.I.), 63 bbs., 662 cs.			
Valerian (Belg.), 25 bbs.			
Drugs, medicines, etc. (U.S.), 20 cs.; fig syrup (U.S.), 2,000 cs.; vaseline (Can.), 57 cs.			
Dyes, dyeing and tanning materials, etc.; dyes (N.Y.), 27 pkgs.;			
anthracene (Fr.), 100 bgs.; eutch (R'goon), 500 bbs.; divi-divi (E.I.), 979 bbs.; gambier (S.S.), 295 bgs., 425 cs.; myrabolans (E.I.), 2,955 pockets, 667 bbs., 2,651 pkgs.; valonea (Smyr.), 1,186 bbs.; wattle bark (Natal), 2,198 bbs.			
Egg products: albumen (Ch.), 391 cs.; spray (Ch.), 93 cs.; whole (Ch.), 149 cks., 30 pkgs., 90 cs.; yolk (Ch.), 2231 cks., 443 cs., 105 bbs.			
Fuller's earth (Jp.), 28 bbs.			
Gelatin (Fr.), 481 bbs.			
Gums, resins, etc.: (Fr.) 127 bbs., (Can.) 465 cs., (E.I.) 82 cs.; balsam (Can.), 7 bbs.; copal (S.S.), 150 cs.; damar (S.S.), 83 cs.; lac: garnet (Belg.), 10 cs.; shell (Cal.), 133 bbs.; oilbannum (B'bay), 43 cs.; resin (Port.) 28 cks., 195 bbs., (Ch.) 108 cks., (Fr.) 370 cks.; tragacanth (B'bay), 81 pkgs.			
Honey (W.I.), 260 cks.			
Lead, white (U.S.), 393 cks., 3,360 kgs.			
Lithopone (R'dam), 40 cks.			
Magnetite (E.I.), 3,052 bbs.			
Oils, essential: (Fr.) 3 drms., 15 cs., (U.S.) 11 cs.; capnut (Holl.), 50 cs.; cinnamon (Cey.), 15 cs.; mint (Jp.), 100 cs.; orange (W.I.), 20 cs.; peppermint, (Fr.) 100 cs., (U.S.) 20 cs.; turpentine, (Port.) 1,753 cs., (Swe.) 65 pkgs.			
Oils, fixed, etc.: coconut, (Jp.) 6,254 cs., (E.I.) 100 pkgs., 12,033 cs., (Cal.) 9,878 x 1/2 cs.; cottonseed (Ch.), 156 cks.; fish (Jp.), 1,933 cs.; lin. (Holl.), 232 cks., 202 bbs., (Belg.) 291 bbs.; olive (It.), 10 bbs.; rape (Jp.), 948 cs.; shark (Jp.), 400 cs. soya (Jp.), 2,700 cs., 5,137 bbs.; sperm (Jp.), 900 cs.; tea (Ch.), 2,500 cs.; whale (N.Z.), 100 cks.; wood (Ch.), 510 cks.			
Perfumery (Belg.), 9 cs.			
Seeds: almonds, 50 bbs., 124 cs.; annatto (E.I.), 84 bbs.; caraway (Holl.), 100 bbs., 40 bbs.; copra, (S.S.) 10,011 bbs., (W.I.) 26 cs., (Aust.) 180 bbs., 7,065 cks.; cotton, (Natal) 243 bbs., (W.I.) 1,792 bbs., (Alex.) 5,380 tons, (E.I.) 34 bbs.; groundnut (Ch.), 420 bbs.; lin. (Jp.) 939 bbs., (E.I.) 8,472 bbs.; millet (Smyr.), 222 bbs.; mustard (Denm.), 110 bbs.; soya (Jp.), 1,208 bbs.			
Soy (Ch.), 50 cs., 100 kgs.			
Spermaceti (Jp.), 600 cs.			

Lithopone, (U.S.) 1,120 cks., (R'dam) 100 cks.

Oils, fixed: coconut, (U.S.) 3,587 brls., (Holl.) (acid) 1,695 brls.; cottonseed (E.L.), 2,600 cs.; ground-nut (E.L.), 312 cs.; hardened (Jp.), 500 cs.; palm, (W. Af.) 1,858 cks., (Holl.) (acid) 600 brls.; soya (Ch.), 536 cks., 3,000 cs.; tea (Ch.), 2,000 cs.; whale (S. Georgia), 9,189 brls., 1,578 drms., 216 tons, (Cape) 47 drms., 294 cs., 180 tons; wood (Ch.), 500 cs., 303 cks.

Perfumery (Fr.), 96 cs. Resin (Sp.), 47 brls.

Seeds: annatto (W.L.), 6 bxs., 50 bgs.; caraway (Holl.), 40 bgs.; castor (R'goon), 159 bgs.; cotton, (Alex.), 500 tons, (U.S.) 750 bls., 94 bgs.; copra, (E.L.) 2,348 bgs., (W. Af.) 501 bgs.; ground-nuts, (W. Af.) 26,043 bgs., (Ch.) 700 bgs.; illipe (S.S.), 3,091 bgs.; lin, (Ch.) 430 bgs., (R. Plate) 8,445 bgs.; millet (Jp.), 68 bgs.; palm (W. Af.), 52,902 bgs., 3,749 tons; rape (Ch.), 1,828 bgs.; soya, (Jp.) 280 bgs., (Ch.) 3,592 bgs.

Soy (Ch.), 10 cks. Spermaceti (N.Y.), 250 bxs.

Spices: cassia (Ch.), 1,730 bls., 75 cs.; pepper (E.L.), 840 bgs.

Starches, etc.: dextrin (N.Y.), 1,880 bgs.; farina (Jp.), 280 bgs.; maize (U.S.), 2,000 bgs.

Wax, bees' (Alex.), 16 bxs.

Wax, candelilla (U.S.), 99 sks., 125 bgs.

Wax, paraffin, (R'goon) 800 bgs., (U.S.) 32 bgs., 171 cs., 2,132 brls., (Cal.) 1,334 bgs., (U.S.) (scale) 352 brls.

Folkstone

(Dec. 1 to 5).
Drugs (Fr.), 4 pkgs.; essential oils (Fr.), 26 pkgs.; perfumery (Fr.), 35 pkgs.

Goole

(Dec. 1).
Potash salts (kainit) 148 tons

Hull

(Nov. 29 to Dec. 5).
Aniline dyes (Belg.), 14 cs., 230 cks.; arsenic (R'dam), 40 cks.; drugs (R'dam), 27 bgs.; farina (Amst.), 250 bls.; gums, not described (Fr.), 1,406 bgs.; lithopone (R'dam), 170 cks.; mercury (R'dam), 6 cs.; myrabolans (E.L.), 13,919 bgs.; (crushed) 3,884 bgs.; peppermint oil (R'dam), 100 cs.; potash salts (R'dam), 782 bgs.; resin (Fr.), 25 cks.; seeds: cotton, (E.L.) 25,328 bgs., 4,406 tons, (Alex.) 3,481 tons; ground-nuts (Fr.), 415 cs.; lin (E.L.), 14,769 bgs., 2,310 tons; soya (Ch.), 4,155 tons

Manchester

(Dec. 1 to 5).
Aniline dyes, (Belg.) 52 pkgs., (R'dam) 46 cks.; bark ext., (U.S.) 40 bxs.; calc. carbide, (Can.), 1,000 drms.; caraway seed (Holl.), 271 bgs.;

castor seed (W. Af.), 5 pkgs.; clove oil (N.Y.), 6 cs.; coconut oil (N.Y.), 900 brls.; copaiba (N.Y.), 6 cs.; copra (W. Af.), 1,841 bgs.; dextrin (U.S.), 500 bgs.; drugs (N.Y.), 21 bgs.; dyewood ext. (N.Y.), 175 brls.; essential oils (N.Y.), 28 cs.; farina (Holl.), 105 bgs.; formaldehyde (N.Y.), 123 bxs., 641 brls.; glucose (N.Y.), 2,985 brls.; lithopone (U.S.), 150 brls., 120 cks.; magnes. chlor. (Holl.), 56 cks.; medicines (U.S.), 1,200 bxs.; mineral white (Norw.), 700 bgs.; palm kernels (W. Af.), 23,587 bgs.; palm oil (W. Af.), 1,345 cks.; peppermint oil (N.Y.), 28 cs.; soda bicarb (U.S.), 33 cks.; soda bichrom. (N.Y.), 41 cks., 31 brls.; soda phosph. (N.Y.), 335 bgs.; soda pruss. (Fr.), 56 cks.; starch: maize (N.Y.), 15,087 cs.; sunflower seed (N.Y.), 280 cks.; tartaric acid (Holl.), 20 cks.; wax, paraffin (U.S.), 1,230 bxs., 1,988 brls., 2,075 bgs., (scale) 900 brls.

Southampton

(Nov. 29 to Dec. 2).
Argol (Cape), 600 bgs.; casein (Fr.), 400 bgs.; chemicals (Fr.), 5 cs.; essential oils (Fr.), 18 cs.; herbs (Fr.), 68 pkgs.; oils and perfumery (Fr.), 23 cs.; perfumery (Fr.), 6 cs.; wattle bark (Natal), 4,495 pkgs.; (ext.), 2,991 pkgs.; wax (Fr.), 12 pkgs.



Letters for this section should be written on one side of the paper only. The writer may adopt an assumed name for purposes of publication, but he must in all cases furnish his real name and address to the Editor.

Venereal Disease Act, 1917.

SIR,—The quotation from "Venereal Disease: Its Prevention, Symptoms, and Treatment," by Mr. Bayly, by "Xrayser II," (*C. & D.*, December 13, p. 59) puts an entirely wrong construction on the Venereal Disease Act, 1917. It is not true that "the chemist is forbidden, under heavy penalties, to sell the person such simple, well-tried, harmless, efficient, and inexpensive medicaments as calomel ointment and potassium permanganate solution." These are not supplied for the treatment of venereal disease and the person applying for them is not suffering from venereal disease. They are supplied as "an antiseptic application to prevent venereal infection," or for the purpose of "chemical disinfection." They do not, therefore, come within the prohibitions in Sections 1 or 2 (1) of the Venereal Disease Act. The only part of the Act referring to prevention of venereal disease is Section 2 (2), under which the only offence is "holding out or recommending" anything in writing or printing. There is nothing in the Act forbidding a chemist to supply calomel ointment or potassium permanganate solution distinctly labelled as such, and he may give any verbal directions he chooses to the purchaser without committing any offence. I agree with "Xrayser II's" reference to the folly of the Venereal Disease Act. It is a sample of panic legislation, containing provisions of a nature which unjustly curtail public liberty and at the same time endanger the just rights of retail pharmacists. While condemning the conduct of any person who usurps the proper function of the medical practitioner or unscrupulously exploits the unfortunate victims of these terrible diseases, we must not allow to pass unchallenged an interpretation going beyond the actual terms of the enactment.—I am, etc.,

Edinburgh.

J. RUTHERFORD HILL.

The Cost of Dispensing Prescriptions.

SIR,—Having worked at intervals on the above subject for the past three years, I was particularly interested in the paper contributed by Mr. John Netherway (*C. & D.*, December 13, p. 56), and am glad to note that he regards the suggestions put forward by me in a paper read before the Western Pharmacists' Association in April last (*C. & D.*, May 3, p. 53) as in the main "sound and businesslike." Mr. Netherway's contribution is a fair criticism of the paper in question. Taking a hypothetical case, he suggests that a mixture which I reckoned in April last cost 1s. 2½d. to dispense actually costs to-day about double that amount—2s. 5d. Such a discrepancy between our arguments does not actually exist. To avoid confusion, I feel sure you will allow me to point out the similarity of our separate conclusions. The necessity for a costing system occurred to the writer in April 1917, the objects being to place oneself in a position to substantiate any increase of charges (which were obviously inevitable) and to ensure adequate remuneration upon any type of prescription. A rough system was tried in practice. The paper read before the Western Pharmacists' Association was a preliminary effort based on experience during a very abnormal period. The overhead charges of 6d. per item were based on actual figures in respect of a pharmacy conducted in war-time where the proprietor was working seven days a week and was unable to obtain adequate staff. With the return of demobilised members of the staff at increased salaries the sixpence was converted into tenpence. This increase was duly noted, and the paper read before the British Pharmaceutical Conference in July last showed the cost of dispensing the mixture in question as 1s. 6½d. Mr. Wippell Gadd pointed

Germany's Chemical Industry and the Economic War.

In a lengthy review of the efforts made to develop the chemical industry in the Allied countries during the war, contributed by Retired Privy Admiralty Councillor P. Koch to the "Pharmazeutische Zeitung," the author makes the following remarks about the condition imposed on Germany to deliver to the Allies 50 per cent. of the total production of dyestuffs and pharmaceutical-chemical products for a period of five years. After stating that it is not the question of the price to be paid for these deliveries that worries the German makers, he goes on to say that "the latter are well aware that the quantities they will be called upon to supply are not destined to cover the home demands for these articles in the Allied countries, but that the latter intend to trade in them in those countries which stood aside during the war, and formerly received their supplies directly from Germany. The directors of the leading chemical firms have every reason to fear that when these goods are supplied to them by the enemies in packages with enemy labels, these foreign clients will in the period of five years forget their German business friends, and continue to trade with the enemies. If in addition the latter succeed in imitating the German products as regards quality, and if, as there is every reason to fear, German experts should enter foreign firms, driven to this step in consequence of the unbearable conditions in Germany, then, after five years' slavery, the German chemical industry will be as good as destroyed, and it will scarcely be possible for it to conquer a new field of activity. It is possible that our enemies do not contemplate such an artifice. However, the Peace Treaty provides no guarantees which might protect us from any abusive use of the supplies to be delivered. . . . The chemical industry is threatened to a far greater extent through the machinations of the Peace Treaty than through any attempts at imitation on the part of our enemies, which by themselves would scarcely succeed in doing us any real harm."

out at the British Pharmaceutical Conference that interest on capital had not been included in establishment charges, and 10 per cent. depreciation on fixtures had also been omitted. A revision up to date in a recent issue of a contemporary brought the cost of the mixture to 1s. 11½d., reckoning 3s. 9d. per hour, or 1s. 3d. per item, as a minimum cost of dispensing service. If an allowance is made under establishment charges for a portion of proprietor's own time, as suggested by Mr. Gadd and Mr. Netherway, 1s. 11½d. would become very near 2s. 5d., which amount Mr. Netherway concluded would be the cost in the case he stated. A costing system renders practical the adjustment of charges to meet increased costs adequately, and each individual pharmacist is enabled by systematic costing applicable to his own case to ensure the usual rate of profit. It is to be hoped that time will prove that those who have interested themselves in this matter have not rendered a disservice to pharmacy. I believe it is correct to say that the main principles of a sound costing system have already been established. If that is agreed, improvements in details will follow from those who are using it. No "system" of guesswork can ensure adequate remuneration to all concerned under such altered conditions as exist to-day. A sound costing system will render dispensing service more efficient and make the absorption into pharmacy of the hundreds of ex-Service men, now in training, a practical proposition, with absolute equity to the public.—Yours truly,

Kilburn, N.W.

C. T. ALLEN.

SIR,—The discussion on dispensing-prices is fast showing us that what was considered the paying part of the chemist's business is in reality the most unprofitable of all the varied transactions we are engaged in during our day's work, and yet the average pharmacist would theoretically run round the customer with a private prescription while disdaining the one who bought, say, a packet of P.O.P. or plates, on which there is a profit varying from 25 to 33½ per cent., with absolutely nothing to do to earn it, compared to the work required in dispensing even a simple mixture. Perhaps it is a kind of mental throw-back to the days when draughts were priced at 2s. and mixtures from 3s. 6d. to 4s., while the labour was provided by apprentices, who had already paid a premium to be taught the art and mystery. I see that in some estimates of dispensing-costs the rate of advance in wages is taken at 100 per cent., but I hardly think this can be the average rate, as before the war a qualified man could generally obtain 3l. a week, and now about 5l., and, although there may be some who are receiving as much as 6l. weekly, it is probably more the exception than the rule. In this connection it is also possible that the law of supply and demand will come into effect, as a study of the pages of the Supplement reveals that at the present time the number of "Situations Wanted" is much larger than the number of "Situations Open," a complete contrast to the position last year, and one which is more likely to be accentuated when the present session at the overfilled schools is completed, and further still if the unjust by-law is sanctioned by the Privy Council. All this is more likely to reduce salaries than otherwise, the saving grace from the employes' point of view being the prospect of a Trade Board setting up a recognised scale of pay for qualified and unqualified assistants according to age and experience.

Yours faithfully,

SLIDING SCALE. (199/81.)

Profiteering Act Persecution.

SIR,—Can nothing be done to stop the intolerable tyranny of persecutions under the Profiteering Act? Miners, busmen, tramwaymen, scavengers, any workers with a union, have only to "strike" and they get anything they ask for. Shopkeepers, however, seem to be at the mercy of anybody. Chemists already make a gift to the Government of their qualification, services, and premises, and what business is left to get their living from is in danger of being taken away. The Government intimate that the Act will be continued after six months, and "don't forget it." Had there been a union of shopkeepers no Government would have risked such an in-

quisition—it is nothing less. My advice is: Shut your shops till the Act is scrapped, otherwise the Act will scrap you. I am,

ONE OF THE VICTIMS. (127/14.)

SIR,—Has not the time arrived for a mass meeting of chemists to be held? The working of the Tribunals under the Profiteering Act as applied to them is nothing less than tyranny. Chemists are expected to leave their businesses like naughty schoolboys, to stroll about a drafty corridor for hours, and to be subjected to indignities and all sorts of ridiculous questions by a set of ignoramuses utterly unacquainted with the ordinary rudiments of business. Moreover, any muddle-headed complainant over some 2½d. quibble oft-times fails to appear, and I understand the right does not exist to punish the delinquent for the fun of persecution. What is the use of ordering the return of 1d. on an ounce of lozenges, 1½d. on a packet of flea-powder, or 1d. on an ounce of cream of tartar, for instance? It is simply mindful of comic opera, and does nothing but court ridicule rather than serve any useful purpose. The authorities will, if we don't look out, be appointing a controller to supervise an army of nurses to accompany purchasers to do their shopping, and a super-controller over all the other controllers to keep them from making fools of themselves, and so on *ad infinitum*, and yet we are wanting people on the land and to milk cows. Competition will keep prices at their proper level if people are left alone, but nothing will check the rise in prices which are bound to soar until our currency is placed on an honest footing. The printing and issue of 300 million of notes, forcing people to accept them in payment, affects every contract, results in high prices, depreciates exchange, and wipes out the middle class, who cannot, like the manufacturers or the working man, help themselves by higher prices for labour and its produce. But to return to my principal subject, if matters are to proceed on the present lines with its attendant worries and waste of time, my suggestion is to relieve ourselves of Insurance dispensing as a first step, and secondly to formulate measures to get our craft recognised as a privileged class, just as any other class who are required by the State to undergo qualification and years of unremunerative toil prior to permission to exercise their calling. To go begging on all fours is no good. We must assert ourselves as a body before we can hope to meet with recognition.

Very faithfully yours,

F. C. HERON.

Ealing.

Organisation for Trade Purposes.

SIR,—The letters of Mr. Hugo Wolff and Mr. John Humphrey are timely, in view of the change of tactics at headquarters. I can scarcely see that the Pharmaceutical Society's solicitors are likely to act promptly in the matter, as some months have passed since the case started and little has been done. Besides, supposing that the Council should decide that the present Local Associations Executive should be adapted to serve as a trade union for employers on independent lines, where are they to get the funds from to carry on a separate organisation with officers of their own? The Council cannot legally finance them: the Local Associations, composed of employers and employes, cannot be expected to find the means; and the L.A.E. could not very well use the money, deducted from panel chemists' accounts for a specific purpose, for general trade interests. In my opinion, as I have said before, the only feasible plan is to form a federation for England and Wales on the lines of the Scottish Federation, with members paying an annual subscription, and of course the subscribers must elect their own executive.

Yours faithfully,

Poplar.

A. R. KEITH.

Average Pay for Insurance Dispensing.

SIR,—If "Xrayser II." will refer to p. 54 of last week's issue of the *C. & D.*, he will observe this statement in the second column: "The original Insurance Tariff was built on 33½ per cent. on drugs, in order to cover maintenance costs, and a basis of 2s. per hour, calculated on twelve prescriptions dispensed, as the professional fee." Now, the present average dispensing-fee is 3.75d. per prescription, equivalent to payment at the rate of 3s. 9d. per

hour, calculated on twelve prescriptions dispensed. From this 3s. 9d. there must, of course, be deducted about 1s. 3d. for maintenance costs, which were formerly covered by the profit on drugs, so that the average rate of payment is not now more than 2s. 6d., as compared with 2s. in 1913-14.

Yours faithfully,

HUGO WOLFF.

21 Hart Grove, Ealing Common, W. 5.

Chemical Mnemonics.

SIR,—I have been very interested in "Juvenis" remarks (*C. & D.*, November 22, p. 75). May I add one or two tips which I have found useful but which are never taught in textbooks? (1) After applying the flame test on platinum wire and hydrochloric acid, repeat the test, using concentrated sulphuric acid. This will always reveal borate even when combined as in borax; hydrochloric acid will not. (2) To detect lithium in presence of sodium (textbooks ignore Li, the Minor syllabus does not). Having ignited the suspected Na and Li add hydrochloric acid and again dry. Then percolate with boiling alcohol. Lithium chloride, if present, will dissolve, and may be detected in the filtrate by the crimson flame. Sodium chloride is insoluble in alcohol.

Yours faithfully,

A. THOMAS.

Clapham, S.W. 4.

Legal Queries.

G. E. S. (124/10).—It is an offence against the Medicine Stamp Acts to sell unstamped a medicine that is stated to prevent disease.

H. & S. (117/25) wishes to sell as a veterinary remedy a resinous spirit solution containing a tincture made from duty-paid spirit. Can he make or employ finish for the purpose? [Application must be made in writing to the Commissioners of Customs and Excise through their local officer for permission to receive industrial methylated spirit for the manufacture of finish, stating the exact quantity of gum resin it is intended to use. Permission must also be obtained to make and sell the veterinary remedy, stating the exact formula, and mentioning that it is intended to employ a duty-paid tincture as a medicament.]

T. B. R. (110/48) bought a drug-store some years ago as a going concern. He has expended a lot of money and time in building up the business, and has now been given notice to quit the premises, as his landlord has agreed to let them to the Post Office. Has "T. B. R." any claim against either his landlord or the Post Office for compensation on account of his having to vacate the premises? No other premises are available in the district. ["T. B. R." is not entitled to compensation in respect of his having to leave the premises. On the other hand, if the premises consist partly of dwelling accommodation he may be entitled to protection from ejectment under the Increase of Rent and Mortgage Interest (Restrictions) Acts, and we advise him to consult a solicitor. It is also possible that the notice to quit is not in order.]

R. B. (107/72) has commenced making cordials by flavouring a diluted syrup with an essence, and adding colour and tartaric acid, etc., when required. The cordials are then packed into whisky-bottles and sold to customers, who are expected to sell them in the same way to their customers. "R. B." has been informed by the local Excise officer that duty is payable on these cordials, and he wants to know if this is so, as the view is held by many in his district that no duty is payable. [In our opinion the local Excise officer has correctly interpreted the law. The duty on table-waters is imposed by the Finance (New Duties) Act of 1916, and table-waters are defined by the Act to include any beverages sold or kept for sale in bottle other than syrups or other liquors intended to be consumed only in a diluted form. The cordials made for sale by "R. B." appear to fulfil these conditions. If the cordials as made and sold by him were so concentrated that they would require to be diluted before they were fit for consumption, no duty would be payable on them by him; but if the purchaser from him diluted them for sale as a beverage such purchaser would himself be liable for a table-water manufacturer's licence (10s. per annum), and would also have to pay the table-waters duty (4d. per bulk gallon on sweetened beverages) on the actual quantity sold by him.]

Miscellaneous Inquiries.

J. W. A. P. (103/56).—DICHLORAMINE-T.—The following are the two processes devised by Chattaway for the manufacture of dichloramine-T.:

1. Bleaching powder (350 to 400 grams) of good quality is shaken with 2 litres of water on a shaker for an hour, and then the mixture allowed to settle. The supernatant fluid is syphoned off and the remainder filtered. Powdered toluene-para-sulphonamide (this need not be pure), 75 grams is then added to the whole of the hypochlorite solution and shaken till dissolved. The solution is filtered if necessary, placed in a large separating-funnel, and acidified with acetic acid (100 c.c.) added in portions. About 100 c.c. of chloroform is then added to extract the dichloramine, and the whole well shaken. The chloroform layer is tapped off, dried over calcium chloride, filtered, and allowed to evaporate in the air. The residue is powdered and dried *in vacuo*.

2. Toluene-para-sulphonamide (50 grams), water (500 c.c.), crystallised sodium acetate (100 grams), and chloroform (100 c.c.) are placed in a flask which is immersed in cold water, and the contents treated with chlorine gas to saturation. If necessary, more chloroform is added to dissolve the dichloramine completely. The chloroform is separated in a funnel, washed with a little water, dried over calcium chloride, filtered, and allowed to evaporate. The crystalline residuc of pure toluene-para-sulphondichloramine is powdered and dried *in vacuo*. The yield is practically the theoretical.

A. M. (The Hague) (116/43).—CORN CURE.—The following is the formula for which you ask:

Salicylic acid	...	12 parts
Extract of cannabis indica	...	2 parts
Acetone	...	30 parts
Acetone collodion to	...	100 parts

Mix.

The acetone collodion is made as follows:

Pyroxylin	...	5 parts
Oil of cloves	...	2 parts
Amyl acetate	...	25 parts
Benzol	...	20 parts
Acetone to	...	100 parts

Mix.

H. V. M. (117/7).—MANUFACTURE OF BRITISH WINES.—Henderson's "Wine-making" (Smith, 165 Queen Victoria Street, London, E.C., 10s.) is a useful work on the manufacture of basic wines. An article on the same subject appeared in the *C. & D.*, July 27, 1907, p. 194, but that number is out of print.

Packet (112/10).—SOAP-POWDER.—The following is a representative formula:

Soap	...	6 lb.
Soda	...	2 lb.
Pearlash	...	1 lb.
Sulphate of soda	...	1 lb.

Mix.

Clothes boiled with a solution of this powder are generally sufficiently washed after being rinsed in clean water.

Retrospect of Fifty Years Ago.

Reprinted from "The Chemist and Druggist," Dec. 15, 1869.

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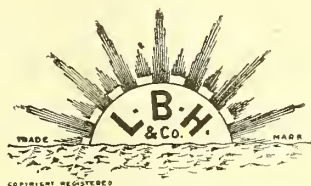
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**THE LEAST TOXIC OF LOCAL ANÆSTHETICS
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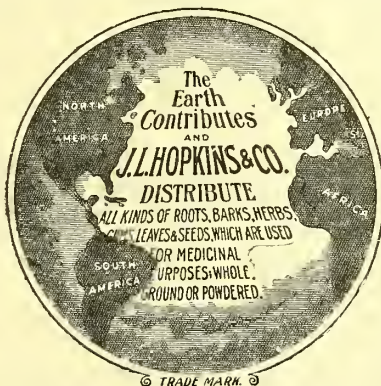
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All B.P. Liquid Extracts are prepared with the best materials.

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Liquid Extract of Cascara

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We guarantee our Syrups to give satisfaction.

Chemical Food, packed and in bulk
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Compound Syrup of Figs

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Raspberry Vinegar, prepared from this year's fruit, is of exceptional quality and flavour.

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Cod Liver Oil Emulsion, packed and in bulk. Prepared from Norwegian Oil by the most up-to-date process.

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Eau de Cologne No. 188, 2 oz. and 4 oz.

White or green glass bottles.

Lavender Water (distilled from flowers),
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Packed Specialities .

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COLLOSOLS

"Collosols" are tested by ultramicroscopic bacteriological and clinical experiment.

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Collosol Sulphur is not presented as a substitute for the Spa treatment of such affections where Spa treatment is available, but as a supplement to it. A course of treatment at a Spa can be followed up by the exhibition of Collosol should relapses occur.

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RED BONE MARROW

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Is a palatable combination of fresh raw marrow from the rib bones of calves and chemically pure glycerine—containing hæmoglobin, marrow cells, nucleins, and other blood-forming substances.

The three prescriptions given below for the use of Red Bone Marrow (Armour) will interest every chemist; they are easy to put up, and at this season will find a ready sale. They are, however, only a few of the many uses for Red Bone Marrow.

Children's Tonic.

Ph. J. Formulary No. 7589,
page 880.

Glycerine Extract of Red Bone Marrow (Armour), Chemical Food (Syr. Ferri Phos. Co.), Fluid Extract of Malt.

Of each equal parts.

Dose:

Under 5 years, one small tea-spoonful.

Over 5 years, one teaspoonful.

To be taken in water three times a day after meals.

Red Bone Marrow Tonic.

Alternative Formula.

Ph. J. Formulary No. 0145.

Glycerine Extract of Red Bone Marrow (Armour) ... 2 ounces
Easton's Syrup .. 4 drachms
Compound Syrup of Hypophosphites 4 drachms
Chloroform Water to make ... 8 ounces

Dose: One tablespoonful in a little water immediately after meals.

Red Bone Marrow with Hypophosphites.

Ph. J. Formulary No. 10145,
page 596.

Pharm. Forms, Vol. II.,
page 559.

Glycerine Extract of Red Bone Marrow (Armour) ... 5 ounces
Hypophosphite of Lime ... 2 drachms
Hypophosphite of Sodium ... 2 drachms
Simple Syrup ... 2 ounces
Distilled Water to make ... 2 pints

Mix and Filter.

Dose: One tablespoonful to be taken in water immediately after meals.

Glycerine Extract of Red Bone Marrow (Armour)

Can be obtained of all Wholesale Houses in 4-oz., 8-oz., or 16-oz. bottles; also in Winchester Quarts.

Special quotations for bulk quantity—1 gall. and upwards, from

ARMOUR & COMPANY, Ltd.

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Telephone: Holborn 5900.

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In view of the King's Proclamation making Saturday, December 27, an extra public holiday, and the congestion on the Railways and Post Office at Christmas time, customers are urged to send orders for **Beecham's Pills** in good time.

THOMAS BEECHAM

St. Helens - - - - Lancs.

Kay's Compound Essence of Linseed,
"LINSEED COMPOUND"

(Regd. Trade Mark).

For **COUGHS** and **COLDS**.

On the P.A.T.A. List.

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Linum Catharticum (Regd. Trade Mark).

"COAGULINE" & "TENASITINE"
CEMENTS.

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Banding Material for Fruit Trees.

BIRDLIMES, RATLIMES, and
FLYGUMS.

Sole Makers :-

KAY BROTHERS LTD.,
STOCKPORT.

Never be without



On the P.A.T.A.

The genuine remedy for
ECZEMA, CUTS, BRUISES, SORES, BURNS,
PILES, PIMPLES, BAD LEGS, SORES on
HEAD, CHAPPED HANDS and ALL SKIN
TROUBLES.

Liberal Terms to the Trade.

Apply to your Wholesaler or to

The **"ZI-ZI" CO., Newmarket.**

Advertising matter free on request.



For **NEURALGIA, HEADACHE,**
RHEUMATISM and INFLUENZA.

Write for wholesale terms to

CEPHOS LTD., Blackburn, Lancs.

TWO SIZES ONLY.

**DR. J. COLLIS BROWNE'S
CHLORODYNE****Prices and Terms:****TRADE:**

Minimum Retail Price 1/3 . 3/-

Price (*per dozen*) 12/3 30/6

Discount 5 per cent. on £1 worth, 7½ per cent. on £5 worth and upwards.

Packages charged at cost, and are not returnable.
Carriage forward.

Terms: Cash with order. Most Wholesale Houses supply on equal terms, so please order with your other goods.

Dr. J. Collis Browne's**Chlorodyne**

is on P.A.T.A. Protected List, & must not be sold below the prices named above.

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"YADIL" ANTISEPTIC PREPARATIONS.

Revised Prices now in force.

All previous prices cancelled. New Prices on the P.A.T.A.

LIQUID—

Sizes	2 oz.	6 oz.	20 oz.	40 oz.	80 oz.	160 oz.
Retail ...	2/-	3/6	9/6	17/-	30/-	55/-
Chemists' prices, per doz.	17/6	31/-	84/-	152/-	288/-	528/-

JELLY—

Sizes	8 oz.	16 oz.
Retail ...	5/-	8/3
Chemists' prices, per doz.	44/6	73/6

PASTILLES—per Tin, Retail 3/6.

ELIXIR—

Sizes	6 oz.	20 oz.	40 oz.	80 oz.	160 oz.
Retail ...	5/-	13/6	25/-	45/-	70/-
Chemists' prices, per doz.	45/-	121/-	223/-	399/-	675/-

OINTMENT—

Sizes	1 oz.	8 oz.	16 oz.
Retail ...	1/3	8/3	16/-
Chemists' prices, per doz.	11/-	73/6	156/-

The Liquid, Ointment and Jelly are also put up under Green Labels for Veterinary purposes. Sizes and Prices same as above.

All orders must be sent to Wholesale Firms. No free samples given.

Clement & Johnson, ¹⁹ Sicilian Avenue, London, W.C.1.

The word "Yadil" is registered in all important countries as a Trade Mark for our Trimethenal allylic carbide.

TIDMAN'S SEA SALT

NEW PRICE LIST.

	Advertised Price Per doz.	Minimum Retail Per doz.	Wholesale Per gross
"Penny Packets" ... (12 in box)	1/6	1/3	10/6
Twopenny Packets (12 in box)	2/-	2/-	19/-
Boxes, about 1½ lbs....	4d.	4d.	3/4
" " 3½ " "	8d.	8d.	6/8
" " 7 " "	1/2	1/2	11/6
" " 14 " "	2/-	2/-	20/-
Assorted Orders to value of 20/-, any of above sizes.			Carriage Paid,
Bags of 28 lbs. ...	Each 4/6	Each 4/6	Each 3/9
" 56 lbs. ...	7/9	7/9	6/6
" 1 cwt. ...	13/9	13/9	11/6

No stock to hold. Single Bags. Carriage Paid.

2½ % Discount for Cash on all orders of 20/- and upwards.

⊙ Packing Cases extra and returnable.
Half value allowed if not returned.

TIDMAN & SON, Ltd., LONDON, E. (Members of P.A.T.A.)



Freemans Custard Powder

For Relatable Biddings

Makes Delicious Hot Sauce

MADE IN DELECTALAND

ÉTABLISSEMENTS CHATELAIN,

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Sole Manufacturers of

JUBOL**RE-EDUCATION OF THE
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Price 5/- per box.

GLOBÉOL**POWERFUL BLOOD TONIC.**Anæmia, Nervous Exhaustion, General
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Price 5/- per bottle.

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ANTISEPTIC.**Cystitis, Prostatitis, Catarrh of the
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JUBOLITOIRES**SCIENTIFIC SUPPOSITORIES**For Hemorrhoids, Rectitis, Anal Fistula, etc.
Anti-hæmorrhagic, Sedative, De-congesting.

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SOLVENT.**Rheumatism, Gout, Arterio-sclerosis,
Stones, Gravel, Sciatica, Neuralgia and
all Uric Acid disorders.

Price 5/- and 12/- per bottle.

VAMIANINENew Scientific Preparation for Chronic
Skin Affections, Psoriasis, Eczema,
Acne, etc.

Price 11/- per bottle.

SINUBÉRASE**SCIENTIFIC PREPARATION OF
LACTIC FERMENTS.**Indicated in Intestinal Disorders,
Dysentery, Diarrhoea, Dyspepsia, Enteritis,
Typhoid, Skin Eruptions, etc., etc.

Price 5/- per bottle.

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Pains, etc. etc.

Price 5/- and 11/- per bottle.

FILUDINE**SPECIFIC FOR THE LIVER.**Malaria, Diabetes, Cirrhosis, Stagnation
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Stocked by all Wholesalers.

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*Heppells***"Shurekure"
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Pleases your Customers. Gives you a big Profit.

R. H. ALLEN & CO., *Manufacturing
Chemists.*
122/124 Wells Rd., Sydenham, London, S.E.26.**LIQUID BARKOLA COMPOUND****Wholesale 30/- per doz.,
less 10 & 5%. Retail 3/- each.**Each bottle (1 oz) carries instructions to the chemist
to make up to the following Standard Formula—Liq. Barkola Comp., 1 oz.; Tincture of
Gentian, 1 oz.; Syrup of Rhubarb, 1 oz.;
Syrup of Ginger, 5 oz.

Chemists charge according to their own scale for dispensing

THE BARKOLA CO., LTD.,
42 Great Dover St., LONDON, S.E. 1.

Proprietors of Barkola Alveo, Barkola Balm, &c. &c.

Can you say "Yes" when Iglodine is requested?IGLODINE is an antiseptic
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claimed that IGLODINE has
varied uses medicinally—
both external and internal,
although IGLODINE does not
pretend to be a panacea for
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IGLODINE—their testimon-
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Packed in Cartons and Retailled in 9d., 1/3 and 3/- bottles.

IGLODINE is being adver-
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Every chemist should be
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IGLODINE Specialities in-
clude Ointment, Cream, Em-
brocation, Pastilles and Sup-
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Ⓢ

ALTERATIONS IN PRICES of HEALO SKIN OINTMENT

OWING to the lean profits accruing to us we have found it necessary to increase the prices of the above line in order to enable us to carry on our business. Below we give particulars of our new terms which will come into force on January 1, 1920.

1/3 Healo Skin Ointment 11/6 per doz.

3/- " " " 29/6 " "

(Bonus of $\frac{1}{2}$ doz. with 4 doz., 1 doz. with 6 doz.)

EVEN at the increased figure HEALO still gives the biggest margin of any article of its kind now on the market.

Particulars of our special Advertising and Window Show Schemes we shall be pleased to give.

MAURICE SMITH & CO., LTD.,
Manufacturing Chemists, KIDDERMINSTER.

PLANO

The best thing out for Rough Skin and
CHAPPED HANDS.

Sold everywhere at the popular price, 3d.

TRADE PRICES:

6 doz. 12/- NET } Carr. Paid
1 gro. 23/6

13 to the dozen for cash with order.

Discount—Orders of £1, 2½ % ; £5, 5 % ;
£10, 7½ %

Advertising matter supplied with each order.

SPECIAL OFFER.

13 doz. tablets, by parcel post, with advertising matter 23/6, less 2½ % cash with order.

Recent Testimonial:

"I am delighted with the result of Plano. Please send some more for my friends, who think it marvellous."

MILNER'S CHEMICAL CO.
LIVERPOOL.

D.D.D. Prescription

FOR ALL SKIN & SCALP DISEASES

A well-advertised, high-grade preparation, enjoying a steadily increasing sale. On the P.A.T.A. protected list, giving the retailer a profit of about 25%.

TRADE PRICES.

D.D.D. Prescription 2/9 bottle, M.R.P. Face Value, ^{per doz.} @ 25/6
" " 5/- " " " " " 47/-

In two strengths—Ordinary and Strong.

D.D.D. Soap ... 1/- tab. M.R.P. Face Value, ^{per doz.} @ 8/3
" Shaving Soap ... 1/6 stick " " " 13/6
" Vanishing Cream 2/6 jar " " " 22/6
" Shampoo Powders 2/6 box " " " 22/6

Carriage paid to any part of the United Kingdom.

Showcards, &c., Supplied Free.

D.D.D. Co., Ltd.
3, 5, 7 Fleet Lane, Ludgate Circus, London, E.C.4

NOTA BENE

In consequence of numerous complaints of the delays in getting special orders for our goods executed, causing much annoyance to both the retailers and their clients, we have decided to send, *carriage free*, all orders amounting to five shillings *net* and upwards.

Our 1/- Tinctures and Pilules are now

4/6 per dozen

less 10 per cent. monthly account.

AND WE HAVE ALSO

1/6 size (double the 1/-) at 9/- per dozen, and

2/6 „ („ „ 1/6) „ 18/- „ „

less 10 per cent. as above.

These latter are now much in demand, and in the commonest medicines much appreciated by clients.

All orders sent direct to us will receive our prompt and careful attention, and in every case, where possible, the goods will be sent by return of post. Send us a trial order.

LEATH & ROSS, *Homœopathic Chemists,*

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S.G. '865/'875 Winchester 1/8; 6 Winchester 1/6; 10 gallons 1/4 per lb.

S.G. '885/'895 " 1/10; 6 " 1/8; 10 " 1/6 "

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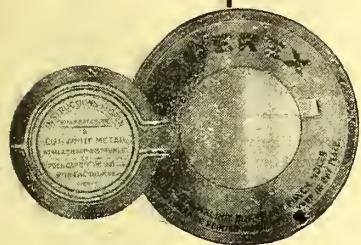
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POWEREX is ALL BRITISH and is now widely recommended by the Medical Profession.

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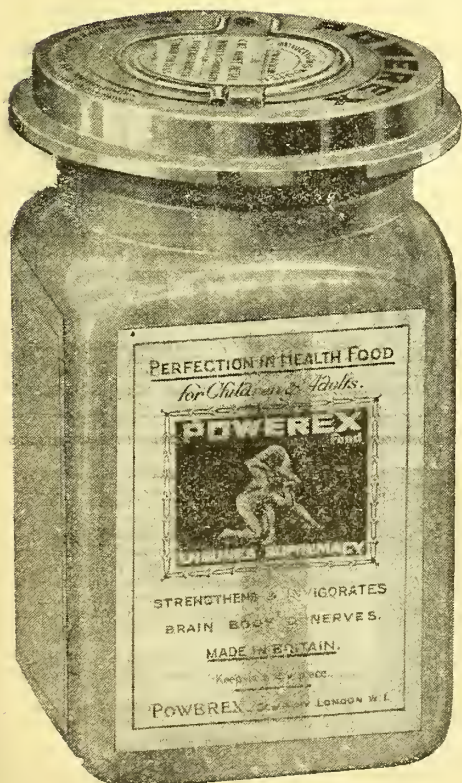
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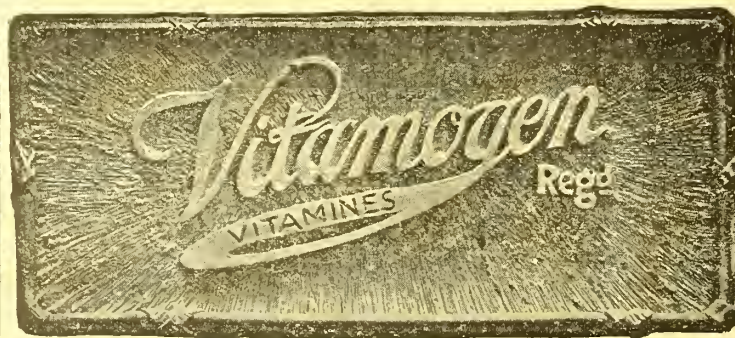
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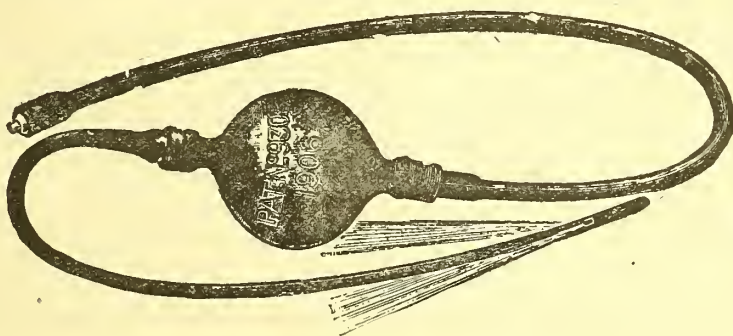
quickly soluble in water: for
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The formula of an eminent surgeon, obtained after years of scientific research and clinical application. “Sepsis,” where directions are faithfully carried out, is unknown. See LANCET, Dec. 19, 1914, pp. 1438 et seq.

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Price 4/-
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Contains 20% more Cresol than any other similar preparation.

Superior to any German Preparation.

Surgical Instruments can be safely sterilised and disinfected in a few seconds without danger
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USED BY THE MEDICAL PROFESSION FOR FOURTEEN YEARS.

TABLETS, PILLS, etc., and
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Breast Plasters are shaped and have small unperforated margin.

ZOPLA (Zinc Oxide Plaster) in small attractive tins in three colours.

Also on spools and in rolls. *The most popular Strapping.*

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THE LIQUID COURT PLASTER
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Minimum Retail Price

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PER DOZ.

CARRIAGE PAID on ORDERS of 30/- upwards.
2½% DISCOUNT for CASH in 7 DAYS.

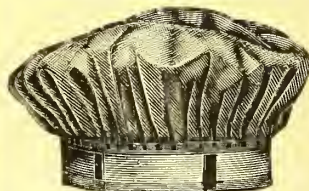
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Hot water bottles, air cushions, beds, enemas, etc.

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IMPORTANT

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	Drab	Drab
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Prices for 8-oz. Bottles ...	3/3	4/3 per gross
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Other sizes—Prices on Application.

SPECIAL PRICES FOR LARGE QUANTITIES.

We also manufacture **BUNGS** for ½-gall.
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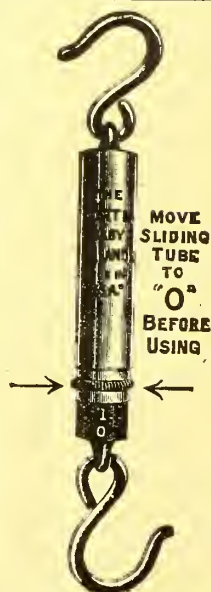
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Weights up to 15 lb.

Price	Retail
30/-	3/6
dozen.	each.



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SEA-TANGLE TENTS

(LAMINARIA DIGITATA)

For dilating the OS and CERVIX UTERI.

Introduced by SIR JAMES SIMPSON, M.D.

SPECIAL ADVANTAGES.

- Firstly—They are cheaper in price than Sponge Tents.
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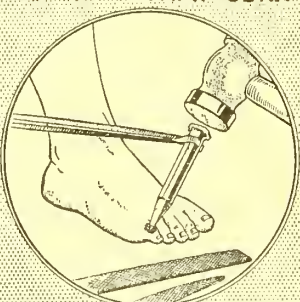
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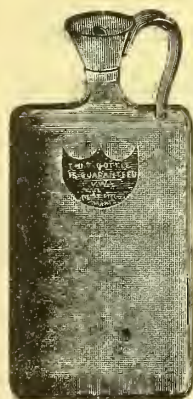
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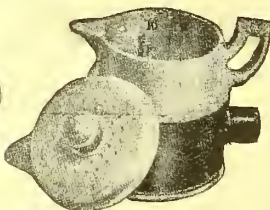


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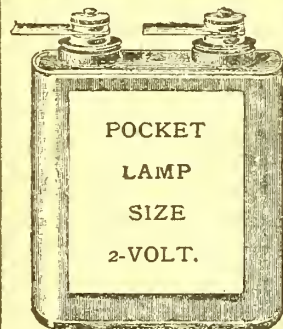


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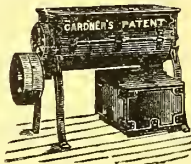
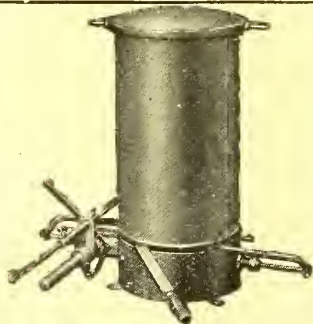
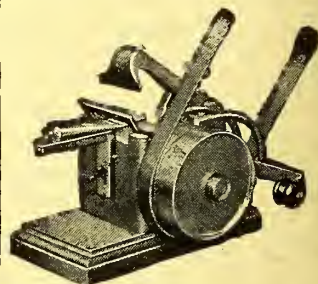


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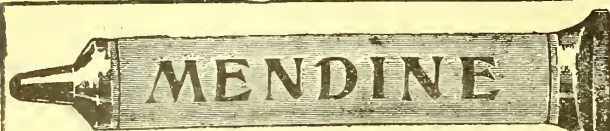
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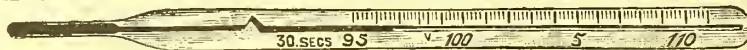
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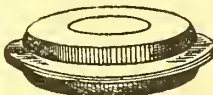
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Made in Three Rapidities: Ordinary, 1 Minute and $\frac{1}{2}$ Minute.

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Crown Slitting Forceps	- - - - -	12/6
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" " " " " " " "	- 5 yds.	21/-
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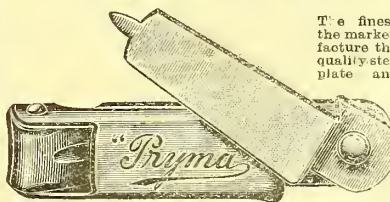
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Delivery from
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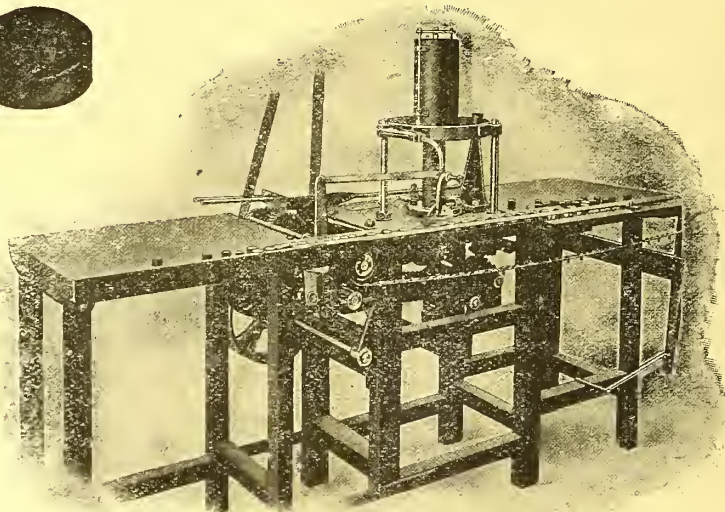
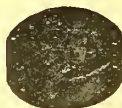
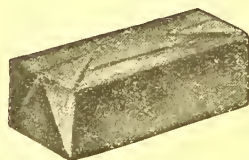
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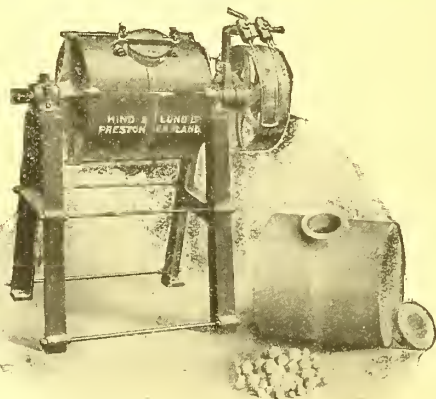
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JARS AND CHILLED IRON LINERS SUPPLIED.



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THE FASTEST,
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Used by many of the largest Wholesale Chemists & Druggists,
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FINE LEAF GELATINE
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FINE CRYSTAL GELATINES.
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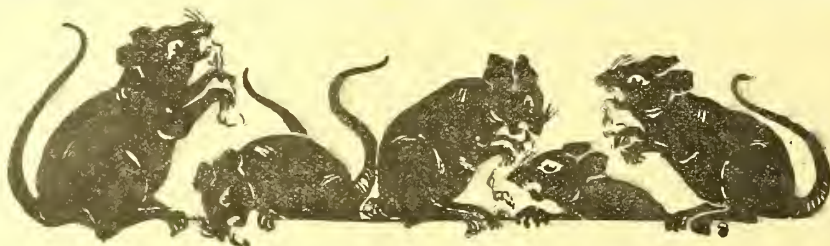
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KILLS, DRIES, MUMMIFIES

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LEAVES NO TRACE OF RATS, MICE & BEETLES

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By Royal Warrant of Appointment
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LARGEST SALE IN THE WORLD.



DAY'S BLACK DRINK

Cures Colic or Gripes in Horses or Cattle, Scour and Weakness in all Young Stock, Blown Cattle and Sheep, Debility, Chills and Low Condition in all Stock.

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For Costiveness, Loss of Cud, Indigestion, Garget, Colds, Fever, Hidebound, &c., in Cattle. Prepares Cows for Calving, Prevents Milk Fever, and cures Bad Cleansing.

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Price £1 4s., £2 4s., and £5. Carriage Paid.

Arranged for Horses, Cattle and Sheep; Horses only; or to suit any class of stock.

WHEN ORDERING PLEASE STATE REQUIREMENTS.

The Chest illustrated is similar to that at £5 and £2 4s.

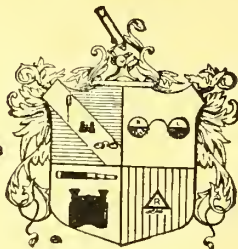
GREAT SPECIALITIES.

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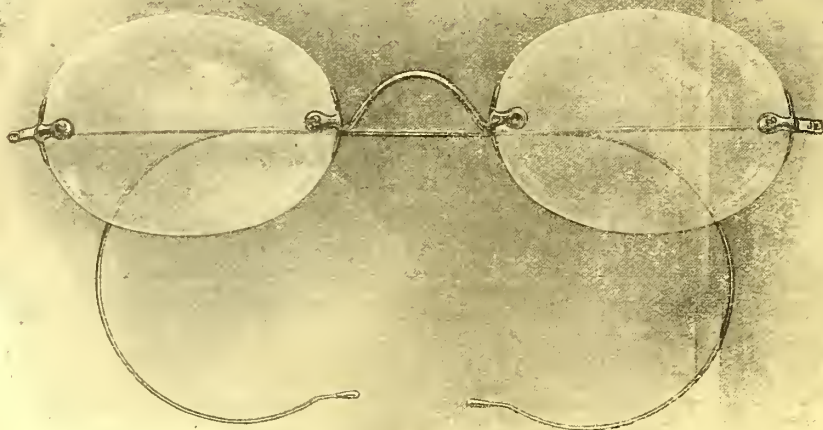
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THE CHEMIST AND DRUGGIST SUPPLEMENT

42 CANNON ST.
LONDON, E.C.4.

DECEMBER 20, 1919

This Supplement is inserted in every copy of The Chemist & Druggist

CHRISTMAS HOLIDAYS.

Owing to the closing of these Offices on December 25th, 26th and 27th, it will be necessary to begin printing the White Paper Advertisement Section of **The Chemist and Druggist** for December 27th on Monday next, December 22nd. Advertisements for next week's issue of **The Chemist and Druggist Supplement** must reach this Office by 10 a.m., Tuesday, December 23rd, at latest.

December 20th, 1919.

42 Cannon Street, London, E.C.4.

EARLIER CLOSING FOR PRESS. Will advertisers please note that until further notice it will be necessary that Advertisements intended for the Supplement must reach us not later than the **FIRST POST THURSDAY MORNING.**

CHEMISTS' TRANSFERS.

Messrs. ORRIDGE & CO., 5½ Ludgate Hill, E.C.

Telephone No.: City 2283.

May be consulted at their Offices on matters of **SALE, PURCHASE, and VALUATION.**

—LONDON, W.—General Retail Business, with N.H.I. Dispensing; returns last year £1,650; *net profit* 28%; double-fronted; corner position; convenient house; held on lease at a moderate rental; terms, valuation of stock and fixtures.

—LONDON, N.—Cash Retail Business; returns exceed £3,000 annum; *net profit* about £750; double-fronted shop; held on lease at a rent of £60; terms, valuation of stock and fixtures sum for goodwill to be agreed.

—LONDON, S.E.—Chemist's Business for immediate Disposal; returns £15 to £19 weekly; also Optics, £4; rent 17s. 6d.; portion sub-let; price for quick sale £300.

—LONDON, S.W.—Good-class Business, chiefly Dispensing at prices; well-appointed Pharmacy; position unique; *net profit* £900; price to be agreed equitably.

—LONDON, S.W.—Family Retail and Dispensing Business; rent hands 11 years; gross receipts average between £900 and £1,000; *net profit* £350; stock and fixtures estimated at £750; lease £850, or valuation and sum for goodwill to be agreed.

—LONDON, N.W.—Ready-money Business; returns, present year, £30 per week; *gross profit* about one-third; rent £50; 10 years opposition; price to be arranged.

—FINSBURY PARK (Near).—Ready-money Business; returns exceed £2,500 and £3,000 per annum; *gross profit* 50%; small trading expenses; rent £60; on lease, or freehold may be purchased; terms, valuation and sum for goodwill to be agreed.

8.—SURREY.—Good-class Retail and Dispensing Business; returns this year approach £4,000, at good prices; double-fronted shop; convenient house; large garden; price £2,000.

9.—HAMPSHIRE.—Ready-money Business, situate in main thoroughfare of an important business town; returns, present rate, about £3,000, at fair prices; price £2,000; vendor estimates value of stock and fixtures at £1,900.

10.—ISLE OF WIGHT.—Unopposed Business; returns at the rate of £1,600 per annum; *net profit* 25%; small house; price, to include freehold premises, £900.

11.—SOUTH WALES.—General Retail and Dispensing Business; scope for Optics and Dentistry; returns £1,500, increasing; *net profit* 30%; rent £32 10s.; price £950.

12.—MIDLANDS.—Old-established Business, Retail and Wholesale in Packed Goods; gross receipts exceed £8,000, and during the past 3 years the *gross profit* has averaged £2,031 per annum; the premises are held on long lease, at a rental of £60; price about £3,000; a banker's reference will facilitate business.

13.—WEST OF ENGLAND.—High-class Dispensing and Retail Business; returns between £4,000 and £4,500 per annum; *gross profit* 45%; well-fitted shop; further particulars will be furnished on receipt of a banker's reference.

14.—MIDLANDS.—Ready-money Retail Business; established many years; returns approach £2,500; full investigation invited; lease will be granted at moderate rental; vendor will consider a reasonable offer.

VALUATIONS FOR STOCKTAKING.

Messrs. O. & Co., desire to emphasise the necessity of a Periodical Statement of Account, by which means alone **Profit, the true value of Business, &c.**, can be determined. Involving as this does the labour of Stocktaking and Valuation, it is often omitted and eventually becomes the cause of **Confusion and loss.**

Messrs. O. & Co., are prepared to undertake these essential duties, and will make **Special Terms** for such services.

ORRIDGE & CO., 56 LUDGATE HILL, LONDON, E.C.

BERDOE & FISH

VALUERS & TRANSFER AGENTS

35 Jewry Street, Fenchurch Street, E.C. 3.

Telephone 1809 CENTRAL.

NO CHARGE TO PURCHASERS.

1.—SUSSEX COAST.—Well-established Retail and Dispensing Business, returning £2,000; no Panel or Photo; good position; well fitted and heavily stocked; sole cause of sale, leaving the Retail; price £1,200.

2.—WEST MIDDLESEX (15 miles out).—Sound middle-class Cash Retail; selling solely through family reasons; returns £1,650, increasing; very convenient house; low rent; corner double-fronted shop, fully stocked; price £1,050, or bare valuation of stock and fixtures; worth attention.

3.—LONDON, W.C.—Good-class Retail and Dispensing Business; returns average over £2,000; clear net profit, £700; well-fitted Pharmacy, with residence attached; long lease; price £1,550.

4.—LONDON, S.W.—Good middle-class Cash Retail, entirely under manager; returns £1,500, net profit £500; main-road position; well stocked; rent covered by let-off; price £1,000.

INTENDING VENDORS

We are in immediate want of sound businesses in all parts of England, especially London, South Coast, S.W. and Western Counties, Midlands and Home Counties, at prices ranging from £300 to £3,000.

BUSINESSES WANTED.

4s. 6d. for 50 words or less; 6d. for every additional 10 words or less, prepaid.

LONDON suburbs, or within 20-mile radius.—Genuine Business, yielding about £500 a year net profit, or would entertain one yielding about £250 net profit; middle or working class; Please state turnover, rent, lease, price, etc., 253/24, Office of this Paper.

SOUTH OF SCOTLAND.—Advertiser wishes to purchase a Business in country town in South of Scotland; either immediately or in the near future. "Borderer" (206/40), Office of this Paper.

YORKSHIRE or DURHAM.—Small Drug Business wanted, with living accommodation. Please state full particulars to W. H. Clayton, Trade Valuer, 103 English Street, Hull.

ADVERTISER. Chemist and Druggist, desires to purchase a substantial Business in the North of England, preferably in Northumberland or Durham; one with scope for increase; or would consider Partnership with view to succession, or Partnership in a big concern, either Retail or Wholesale; cash available. Apply, in confidence, 253/4, Office of this Paper.

BUSINESS wanted immediately in country town or large village in Scotland if possible, but not essential; showing net profit not less than £400 to £500; good residence attached; would manage with view to purchase. Replies, with full particulars in strict confidence, to "G. W. W." (249/28), Office of this Paper.

UNOPPOSED Business wanted in pleasant country district: Southern county preferred, but not essential; must have good living accommodation and show a net profit of £250 to £300 a year. Give full particulars as to class of trade, takings, expenses, etc., in confidence, "Felix" (253/18), Office of this Paper.

1920.—Sound Cash Business wanted; suitable for unqualified with good living accommodation; cash available about £100; full particulars in confidence; money ready. Apply 247/40, Office of this Paper.

BRETT & CO.

Transfer Agents & Valuers,

73 LAUREL ROAD, LEICESTER.

We have cash Buyers for all sizes and classes of business.

THOS. TOMLINSON & SON

CHEMISTS' VALUERS, TRANSFER AGENTS, AND EXPERT STOCKTAKERS.

45a MARKET STREET, MANCHESTER.

ESTABLISHED OVER HALF A CENTURY.

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4s. 6d. for 50 words or less; 6d. for every additional 10 words or less, prepaid.

Agents and Travellers wanted for Original & High-Class Toilet Preparations.

London firm now opening large advertising campaign are requiring agents and distributors for the British Isles. Good commission and excellent prospects assured. Best references required. Reply in confidence stating full particulars

Box 123-45, Office of this Paper.

SCOTLAND.—Gentleman with strong connection desires to hear from firms open to do business with Wholesale and Retail Chemists, Stores, etc.; successful introduction guaranteed and large turnover for sound lines. Apply 241/28, Office of this Paper.

ADVERTISER, working all North, is open to take an Agency on commission, or Buying Agent; must be good, old connection; best buyers. A. M. Gent, 73 Randolph Street, Levenshulme.

AGENCIES wanted by Australian firm, Chemists, established 1849. H. Francis & Co., 280 Bourke Street, Melbourne, Victoria.

MANUFACTURERS' Agent with Travellers invites offers of Representation from first-class British, Canadian, American or Continental firms; convincing records of Salesmanship; sole agencies for England or London only entertained; commission basis. "P.", 24 Honeybrook Road, Balham, London, S.W. 12.

STOP.—Representative opening Commission Agency in Leeds, covering Lancashire and Yorkshire, wishes to meet manufacturers of Chemicals (medicinal, photographic, heavy), Oils, Fats, and Paint, Druggist and Rubber Sundries, including Paper, Candles and Soaps, Packed lines, etc.; 12 years' experience; a live man; educated, tactful, energetic, smart Salesman. Reply 251/200, Office of this Paper.

FINANCIAL.

A DIRECTOR is required who will invest £5,000 in 7½% Preference shares, participating also to the extent of one half further divisible profits, to finance working of sole agency for U.K. of American Toilet Specialties manufacturing firm, held by experienced men with good, selling connections. Particulars from Arnold & Co. (London), Ltd., 143 Canaan Street, E.C.

DIRECTOR required in Limited Company, manufacturing high-class Toilet Articles; one with knowledge of Perfumery preferred; £1,000; director's fee and employment if desired. Apply 252/11, Office of this Paper.

BUSINESSES FOR DISPOSAL.

4s. 6d. for 5; words or less; 6d. for every additional 10 words or less, prepaid.

The **Advertiser** may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of 6d.

BLACKPOOL.—Business for Sale; turnover last year £1,884. Under manager; excellent opening for Optical and Photographic; good corner shop; well fitted and stocked; house let £7. Apply 252/6, Office of this Paper.

KENSINGTON.—Old-established good-class Dispensing Business for immediate Sale; sound reasons for disposal; returns £5,000 at good prices. Apply, giving banker's reference, to 53/22, Office of this Paper.

MANUFACTURING PROPRIETARY BUSINESS for Disposal. Old established, with fine West-End premises, neglected during war; great scope for business man; bargain at £2,000 including £500 stock; also Partnership in well-known Proprietary business for £700; also small Dispensing Chemist's for Disposal. Businesses of all kinds wanted. Owners wishing to sell, send particulars at once to Cox's, 60 Chancery Lane, W.C.

OLD-ESTABLISHED Dispensing, Prescribing, Surgical, Tins, and Shipping Business; owner retiring through ill-health; business close to Central Railway Station; scope for development; fullest particulars given. Proprietor and owner of property, W. Leadbitter, 6 South Hill Crescent, Sunderland.

FOR SALE.

4s. 6d. for 50 words or less; 6d. for every additional 10 words or less, prepaid.

ABOUT 10 gross 6- and 8-oz. first-quality Dispensing Flats, with a chemist's name on, 25s. gross; about 50 gross printed 2d. Ointment Tins; send 1d. for sample. Belsher, Chemist, Brixwich.

COMPLETE Fittings of Chemists' Shop, in first-class condition, including 2 mahogany counters and 5 showcases, window enclosure, with plate-glass shelves, and 3 carboys, wall-sets, nests of drawers, mirrors, cupboards, dispensing sink,elves, complete, with labelled shop rounds and domed-top ointment jars, etc.; appointment to view. E. P., 5 Dewhurst Road, 14.

BEST OF DRAWERS, mahogany fronted, 17 ft. long; mahogany Counter, 15 ft. long; 2 oval Counter Cases; 1 Scent Case; 1 Stock Case; over 200 Stock Bottles; Weighing Machine; electric Sign; also Stock on premises; all at, £150; splendid opportunity for a new branch shop or one about to open up. Apply "Snap," 45 Upper Marylebone Street, London, W.1.

OVERSTOCKED—Viking Cheese Rennet, 1 gall 21s., 2 half-gallons 21s., 4 quarter-gallons 21s., 8 eighth-gallons 21s.; £4, carr. paid; Limestone Phosphates, 2s., 1 doz., carr. paid, 6s. 6d.; 6d. Perfume Bricks, 3 doz., 9s., paid; everything wanted new stock, perfect; cash with order. Jones, Chemist, Medical Hall, Llangollen.

TWO dozen Munyon's Remedies; various; wrappers shop soiled; offered at half old retail price. Apply 122/42, Office of this Paper.

PARTNERSHIPS.

CHEMIST, qualified, experienced, at present employed with an important firm of Manufacturers, seeks a Partnership or co-partnership in a sound Wholesale business in the North; highest capitals; ample capital could be placed if well secured. Communications will be regarded as in confidence. 253/400, Office of this Paper.

ADVERTISER, desirous of devoting his time to Wholesale, offers half-share of thriving Business to smart, able gentleman; excellent opportunity for unqualified man; Retail and Insurance; capital required, about £500; part remain if desired; Midland City. Replies, with references in confidence, to "Director" (253/6), Office of this Paper.

SITUATIONS OPEN.**RETAIL.**

4s. 6d. for 50 words or less; 6d. for every additional 10 words or less, prepaid.

BEDFORD.—Qualified Manager required for Branch business; Light Retail and Dispensing; good-class; state age, experience, references, and salary required. E. Murray Carruthers, Chemist, 51 St. John's Street, Bedford.

BOLTON.—Assistant (unqualified), accustomed to Cash business, to assist in Stockroom, Counter, Window-dressing, Dispensing, etc.; state age, height, references, when disengaged, and salary required (outdoors). Charles Crane, Ltd., Chemists and Opticians, 235 & 237 St. Helens Road, Bolton.

CROYDON.—Assistant, capable and accurate, for good-class Retail. Apply, stating full particulars, references, salary, and experience, to "Chemist," 77 High Street, Croydon.

LONDON, W.—Qualified, used to quick Store trade; honest, sober, and willing worker; one accustomed to Dispensing and prescribing; good berth for right man; capable of taking charge. Apply, with full particulars, to Morton's, Cash Chemists, Ltd., 199 Portobello Road, Notting Hill, W. 11.

MANCHESTER.—Unqualified Assistant required for good-class Retail Pharmacy; must be competent, reliable, and accurate Dispenser. Apply, with full details, to Redford, Chemist Cheetham Hill Road, Manchester.

MANCHESTER.—An experienced Junior Clerk required for a Retail business; one with some knowledge of the Wholesale or Chemical trade preferred. Full particulars of previous experience, with age and salary expected, to 123/150, Office of this Paper.

MANCHESTER.—An unqualified Second Assistant required for the Retail Counter of a high-class business; must be good at Sales and Window-dressing. Replies with full particulars of previous engagements and salary expected, etc., to 123/15, Office of this Paper.

MANCHESTER DISTRICT.—Wanted, qualified Working Manager to take charge of branch; must be a good Window-dresser and Salesman; £6 per week to a thoroughly efficient worker; no Sunday duty. Address stating age, experience, and photo, to 245/17, Office of this Paper.

SMETHWICK.—Junior or Improver wanted. State age, experience, and salary required, to Traumer, 42 High Street.

SWANSEA.—Qualified Manager required immediately; Prescribing, Surgical, and sundry trade; excellent opportunity for a first-class man, to whom a liberal interest in the profits is offered. Apply 251/6, Office of this Paper.

SWANSEA.—Young Lady Assistant; must be a capable Dispenser and have had good experience in Surgical Goods Department; permanent and progressive post. 252/15, Office of this Paper.

WOLVERHAMPTON.—Qualified Chemist required (immediately) to take charge of Dispensing Department of business situated in centre of the town; easy hours; no Sunday or night duty. Applicants must send full particulars of experience, stating age and salary required, to Martyn's Stores, Ltd., Wolverhampton.

YORKS, WEST RIDING.—Qualified Manager required for good working-class business, house attached; permanency, with interest in the profits. Apply 251/60, Office of this Paper.

A CAPABLE Assistant accustomed to good-class Dispensing and Retail with Photographics; unfurnished rooms over pharmacy available. Apply, giving fullest details of previous experience (not for purpose of reference), age, height, salary required, and when disengaged, to D. T. Evans, The Parade, Margate.

ELDERLY Qualified man required for supervision only; Midland town. State age and salary required to 253/21, Office of this Paper.

JUNIOR Assistant (after Christmas) wanted for a busy cash business; indoors or out. Usual particulars and salary required to Fressen's Drug Stores, 45 Stafford Street, Longton, Staffs.

LADY Dispenser and Bookkeeper required by Doctor for busy practice in country town North Midlands; must be thoroughly capable and experienced; good references essential; Nurse and North Country woman preferred. Apply 245/16, Office of this Paper.

QUALIFIED Dispenser needed for Tuesday and Thursday afternoons, 2.30 to 5.30. Apply, by letter, only, to Director, Berger Hall, Empson Street, Bromley-by-Bow, E. 3.

QUALIFIED Brauch Manager wanted for London; must be a good Organiser and a capable Manager; references must bear the strictest investigation; some knowledge of Photography essential; good salary and commission. 253/260, Office of this Paper.

SMART unqualified Assistant required by a firm of Company Chemists; good salary and commission. 253/26, Office of this Paper.

SURGICAL Instrument Business.—Second Assistant, about 21 years of age; state duties accustomed to, and wages expected. Address E., 54, Birchall's Advertising Offices, Liverpool.

UNQUALIFIED, chiefly for Dispensing and to assist at Counter, age 25-30; of good appearance and address; must be a neat, quick, and accurate Dispenser, and used to good-class business; Photographic knowledge necessary; state full particulars of previous experience, salary required (outdoors), and give necessary references, which must be undoubted. Chater, Watford.

WANTED, unqualified Assistant, with good knowledge of Optics; permanency. Apply, with references, stating whether single or married, and salary required, to E. R. Dixon, West Hill House, Lincoln.

WHOLESALE.

4s. 6d. for 50 words or less; 6d. for every additional 10 words or less, prepaid

LONDON Wholesale house requires Representative resident in Scotland; applications only considered from those with established connections in Drugs, Sundries, and Packed Goods; a splendid opening for man of ability, tact and initiative. Write in confidence, with full particulars, to "Salol" (122/74), Office of this Paper.

WIGGLESWORTH LTD., Westhoughton, Lancs, require Junior Machineman in Compressing Room; good prospects for suitable man; state age, experience, and salary required.

A LONDON firm of Chemists manufacturing high-class Pharmaceutical preparations desiring to greatly extend their business require the services of a Chief Chemist; only those with large experience of manufacturing and organising need apply. "Alpha" (126/51), Office of this Paper.

ASSISTANT Buyer required for Export Merchants, with knowledge of Drugs and Chemicals. Apply, stating age, qualifications, and salary required, to Davis & Soper, Ltd., 54 St. Mary Axe, E.C. 3.

CHEMISTS' Representatives wanted with connection in London and Home Counties; excellent opportunity for live and experienced men; salary £300 and commission. Full particulars to 249/13, Office of this Paper.

EXPERIENCED man, with knowledge of Drugs, Heavy Chemicals, Oils, etc., to take charge of Warehouse; must be able to control staff; state full particulars of experience, age, and wages required. P. Jeyes & Co., Ltd., Northampton.

FIRST-CLASS Wet Counterman required at once. Apply, stating age, experience, and wages required, to "H. J." (124/72), Office of this Paper.

MANAGER wanted for growing Wholesale Drug and Sundry house in the Midlands; must have previous buying experience; progressive salary to capable man. Particulars to 251/15, Office of this Paper.

REPRESENTATIVES required by firm of Manufacturing Perfumers; good commission; quick-selling lines; write, stating ground covered; only those with good connection need apply. Apply 251/3, Office of this Paper.

SURGICAL INSTRUMENT DEPARTMENT.—Wanted, Junior with experience and knowledge of the trade. Apply R. Sumner & Co., Ltd., 40 Hanover Street, Liverpool.

TOILET PREPARATIONS.—Representatives wanted for Shropshire and Cheshire, N. and S. Wales, Birmingham district and Yorkshire and Lancashire, for Face Creams, Powder Shampoos, etc.; must have connection among Chemists; references required; good commission. Apply 249/11, Office of this Paper.

TRAVELLERS.—Experienced gentlemen, with good connections among Chemists and able to push well-advertised, attractive and profitable Toilet Preparations on commission. 239/10, Office of this Paper.

WANTED, first-class Representative for London district; must have real live connection with best City and West-End Chemists for Toilet goods and Tablets. Apply, stating salary and commission, to White Band Manufacturing Co., Ltd., Croydon.

WANTED, Representative for Manchester and surrounding district; must have live connection with Chemists; could also carry one other non-clashing line. Apply White Band Manufacturing Co., Ltd., Croydon.

WANTED, Invoice Clerk; export experience an advantage; accustomed to pricing drugs, sundries, etc.; progressive position for capable man with Midland Manufacturing Chemists. Apply with full particulars, to Box 466, Smiths' Advertising Agency Ltd., 100 Fleet Street, London, E.C. 4.

WANTED, for Chemical Laboratory, junior lady Typist with some knowledge of shorthand; laboratory experience necessary. Apply Miss Brown, 16 Finsbury Circus, E.C.

WANTED, for 5th January, expert Packer; used to home and export; capable making cases if necessary, keeping records of shipments, preparing documents, etc.; commencing salary £2 per week, with good prospects to right man. Address, with particulars of previous experience, "Mr. C." (123/65), Office of this Paper.

WANTED, really live Salesmen with first-class connections amongst Chemists, for the sale of our "Rumour Baths" for Rheumatism; commission basis. E. Wade-Wilton & Son Manufacturing Chemists, Bramley Leeds.

YOUNG qualified Pharmacist (bachelor), as Representative wanted by a progressive reputable firm of Manufacturing Chemists; experience not essential, but applicants should have the qualities necessary for success as Medical Interviewer and Salesman; territory includes England, N.W., and Ireland. Applicants should apply by letter in their own handwriting, self photograph, give full particulars of experience, age, height, a commencing salary required, to H. S. (252/37), Office of this Paper.

20 PER CENT. commission side-line, first and repeats; provide dry cleaner; perfect results on the fashionable velvet felt, etc., and wide range of articles; sell 3d. and 6d.; South Wales, with good existing connection, and other territory open; attractive show matter; small samples; only first-class men with "live" connection considered; state particulars in confidence. Apply 251/8, Office of this Paper.

EDITORIAL ASSISTANT.

AN additional Assistant is required shortly on the Editorial Staff of "The Chemist and Druggist." Applications invited from qualified Chemists not over thirty, who have had varied experience of Pharmacy. Literary ability and adaptability are recommendations. Applicants should state particularly salary they expect, and give details of their war service. "M. I." 42 Cannon Street, London E.C. 4.

SITUATIONS OPEN.

(Colonial, Indian and Foreign.)

4s. 6d. for 50 words or less; 6d. for every additional 10 words or less, prepaid

ARGININE AND BRAZIL.—Experienced Pill Maker with highest references required for established small pill factory £600 per annum; passage paid out and home; applicants interviewed in London. Write, giving full details of experience, to "Argo" (P. C. B. 17/28), Office of this Paper.

FAR EAST.—Wanted, for the Far East, a fully-qualified Chemist to act as Salesman and Manager of Drug Department of a large firm; knowledge of Spanish desirable; good salary for a competent man. Apply in the first instance by letter to "Z. C. 849," c/o Messrs. Deacon's Advertising Agency, Leadenhall Street, E.C.

EAST.—A qualified Assistant, not over 30 years of age; must have had experience in first-class Retail and Dispensing business; salary £200, rising to £250 per annum, and age paid out and home, on a four-years' agreement. Address "St" (252/18), Office of this Paper.

INDIA.—Wanted, qualified Assistant for Drug Department in large firm; must be able to take charge of department and sail early January; good salary. Reply, stating age, experience, etc., to "H. G." (251/13), Office of this Paper.

LABORATORY Assistant, for the Continent; must have good experience in manufacture of Galenicals and Specialties the retail trade; age from about 25 to 35, single, and with or without qualification preferred, but not essential. Apply in first instance to Mr. Overton, c/o R. Sumner & Co., Ltd., 40 Hanover Street, Liverpool.

PARIS.—Qualified Assistant; knowledge of French and Continental experience; outdoors; short hours; no Sunday or night duty; state age, experience, references, and salary required in first letter; permanency, with good prospects, for suitman; send photograph, which will be returned. Roberts & Co., 5 Rue de la Paix, Paris.

TRAITS SETTLEMENTS.—Assistant, unmarried, with Chemist's and Optician's qualifications; three years' agreement; passage paid out and home; salary first year dollars 300, second year dollars 325, third year dollars 350 (Straits dollars 44). Apply 116/23, Office of this Paper.

TRAITS SETTLEMENTS.—Qualified Assistant; young and capable; unmarried; healthy climate; easy hours; four years' agreement; terms, first year \$250 per month, second year \$300 per month, third year \$350 per month, fourth year \$325 per month; passage paid out and home; excellent prospects for a suitable man; candidates will be interviewed in London. Apply by letter, to Barker & Co., Ltd., 6 Laurence Pountney Hill, London. E.C. 4.

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1s. for 12 words or less, 8d. for every additional 10 words or less, prepaid

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CHRISTMAS-NEW YEAR holiday without shop worries; qualified, experienced Advertiser takes charge. Write statement, "M.P.S.," 2 Glangal Road, Kilburn, N.W.

QUALIFIED Chemist; 41; now at liberty; up-to-date Photographic experience; Branch businesses successfully opened; and country. "Chemist," Craithie Cottage, Sandown, I.W.

ADVERTISER, who is at liberty for the next few months, is open to take engagements as Locum; over 25 years' experience; excellent references. Apply H. E. P., 32 Petteril Street, Isle.

ADVERTISER seeks temporary position, eight or nine months; just demobilised; unqualified; age 25; four years' Dispensing experience with H.M. Forces; excellent references. Apply 237/1, Office of this Paper.

ADVERTISER having sold business is open at once to engagement either as Locum or post of responsibility; 20 years' sound experience; South or South Coast. "Spec" (196/17), Office of this Paper.

ADVERTISER, qualified, disengaged; sixteen years all branches, Counter, Window, Dispensing; salary 65s.; fluent French; graphics. "Pharmacist," 78 Rockingham Street, S.E.

Assistant Dispenser; unqualified (lady); good references. Apply 253/9, Office of this Paper.

Locum, Minor Student; free December 21st-January 12th; excellent references; careful and accurate Dispenser; inter-preferred; London only. Apply 249/38, Office of this Paper.

Manager; 42; exceptional experience, and accustomed to control; Yorkshire or Lancashire preferred; interview desired. Replies "Statim" (252/31), Office of this Paper.

ASSISTANT; good experience; unqualified; seaside town preferred, not essential; age 35. "N. M.," 29 Canterbury Road, Margate.

ASSISTANT or Manager in good-class business with Photographic and opening for Optical, with view to acquiring interest; advertiser with good experience in all branches; qualification Ph.C., F.S.M.C. Apply "A. Z.," c/o Wright, Layman & Umney, Southwark Street, S.E. 1.

ASSISTANT (lady), 25; unqualified; good Counter experience; light Dispensing; disengaged; South or West England preferred. Please state salary desired, etc., to Miss Stead, c/o Miss Northingrave, Hemingborough, near Selby, E. Yorks.

ASSISTANT, 20. 6 ft. 2 in., requires herth (after Christmas) in good-class Retail and Dispensing business; good references; Kent or Essex preferred. H. Farrow, High Street, Old Brompton, Kent.

ASSISTANT; competent all round; state terms. Crick, 77 Common Lane, Birmingham.

ASSISTANT; 32; unqualified; 15 years' high-class Dispensing and Counter experience; photography; excellent references; disengaged. "Statim," 22 Washington Road, Sharrow, Shemeld.

ASSISTANT, 22-23, experienced Counter, Dispensing, Photography, desires post London. Apply Williams, 173 Lad-broke Grove, London, W. 10.

ASSISTANT, Senior, unqualified, disengaged; reliable. Chemist, 12 Chequer Street, St. Albans.

ASSISTANT; unqualified; 34; Counter and Dispensing experience; London, S.W., preferred, not essential. Featherstone, 6 Nightingale Mansions, S.W. 12.

ASSISTANT; unqualified; 6 ft.; good appearance; temporary or permanency; City and West-end experience; disengaged. 220 Lyham Road, Brixton Hill, S.W.

ASSISTANT, unqualified, demobilised, requires situation. Apply 252/1, Office of this Paper.

ASSISTANT; 30; tall; Dispenser, Counterman; well recommended; disengaged; married. Apply 252/2, Office of this paper.

ASSISTANT, 23, recently demobilised, tall, good Dispenser and Salesman, Photography, desires post as Improver for six months, to complete apprenticeship; London preferred; if suitable would stay longer; indoors or out; start New Year. Write, stating salary, etc., Douglas, 26 Albert Square, Clapham Road, S.W. 8.

ASSISTANT, unqualified, wishes permanency; London; 15 years' experience in high-class Dispensing and Counter work (Ireland); five last years Army Dispensing; excellent references. L. B. (253/10), Office of this Paper.

BIRMINGHAM or SUBURBS.—25; energetic, unqualified Assistant; competent Dispenser, Prescriber, good Salesman; Photography, Surgical knowledge; good address; easy hours; part-time preferred; salary 18. 9d. per hour. "Student," 204 Somerville Road, Small Heath, Birmingham.

BIRMINGHAM.—Junior, 21; demobilised; good Counterman, Window-dresser and Dispenser; 18 months' Hospital Dispensing experience following three years' apprenticeship; good reference. C. Dascombe, 61 Hutton Road, Handsworth, Birmingham.

CAPABLE Assistant; experienced; unqualified; smart Counterman, good Salesman and Dispenser; disengaged; could commence at once; first-class references; age 47. Fairweather, 286 Kingsland Road, E. 8.

CAPABLE Assistant desires change; 26; present engagement two years, previous one four years; Yorks or Lancs preferred. Please state salary, hours, etc., 253/28, Office of this paper.

CHEMIST, experienced, as Manager or Locum; at liberty any moment; interview immediately on hearing. Apply "Yuletide" (251/15), Office of this Paper.

CHEMIST'S Assistant; 30; unqualified; Counter and Dispensing; reliable; recently disengaged; West-End experience; Locum or permanency. Write to M. Birch, 8 Cromwell Grove, Hammersmith, W. 6.

CHRISTMAS Assistance? Write immediately; temporary or permanency. Plews, 256 Coldharbour Lane, S.E.

CLERICAL work any kind, evenings. Address "F. G." (186/36), Office of this Paper.

COMPETENT Assistant (26), unqualified, as Manager or Managing Assistant; competent take charge of Branch or Drug Stores; Prescriber, smart window-dresser, active Counterman; Yorkshire preferred, but not essential. State salary and hours to "Drugs," 138 North Marine Road, Scarborough.

DISENGAGED; Locum or Manager; qualified; 25 years' experience Retail and Dispensing. "Statim," 11 Laurie Avenue, Burford Road, Nottingham.

DISENGAGED; moderate salary; good references; excellent experience. "Chemist," 6 Eastbourne Terrace, Paddington, W.

DISPENSER (lady) seeks post immediately after Christmas; Doctor or Chemist; highest references. Apply 251/2, Office of this Paper.

DISPENSER, lady (Hall), desires post as soon as possible; Doctor, Hospital, or Institution; 2½ years' Hospital experience as Head Dispenser; excellent testimonials; London or Croydon district. B. Fox, Wayside, Chipstead, Surrey.

DISPENSER, lady (Hall); Shorthand, Typewriting, Book-keeping if required; two years' experience Dispensing and Counter; Doctor, Chemist, or Institution; free from January 1st. Marley, Cartref, Minchhead.

DISPENSER, lady (Hall); excellent experience of Hospital, Surgery, and Institution work; excellent testimonials; London or near. 253/1, Office of this Paper.

DISPENSING.—Lady (Hall) desires post; good experience; Institution preferred. "A.," 10 Antrim Grove, Belsize Park, N.W.

DISPENSER-BOOKKEEPER (35), permanency required; would do Locum; Extractor, Dresser, N.H.I. work; 16 years' experience; good references; disengaged. Strutt, 2 London Road, Hailsham.

EMERGENCY or permanent position desired by an experienced man, well up in the business; steady, reliable, responsible. "Unqualified," 286 Kingsland Road, E. 8.

EVENINGS or Window-dressing engagement wanted by experienced gentleman in London. 252/19, Office of this Paper.

EX-OFFICER, M.C. (27); unqualified Assistant; experienced; London district or Bath preferred. Apply 241/36, Office of this Paper.

FULLY-QUALIFIED Chemist, 23 years' good all-round experience Retail, gentlemanly, energetic, keen business-compelling Salesman, offers services; Locum or permanent; reasonable terms. "Immediate" (251/11), Office of this Paper.

GENTLEMANLY youth, age 18, requires post; 3½ years' experience. E. Wise, 14 Tweedy Road, Bromley, Kent.

IMPROVER or Junior, in January, for eight months; four years' apprenticeship; 4½ years' Army (Infantry); well educated. Apply 251/9, Office of this Paper.

IMPROVER, at liberty, well trained in good-class Dispensing, Counter, and Window-dressing, desires berth. London; advanced in classes; well recommended; salary a secondary matter. "George," Iver Villa, 2 Ravenscourt Park, W.

JUNIOR, West-End experience, desires engagement; City preferred; six years' first-class experience; accurate Dispenser; excellent Salesman. Apply 251/14, Office of this Paper.

JUNIOR; at liberty, on the 5th January; age 20; excellent references; sober; good Salesman and Dispenser. Apply H. Darden, c/o W. H. Grimshaw, Chemist, 69 Higher Eanam, Blackburn.

JUNIOR or Improver (18); indoors or outdoors. "Clifton," 6 Dean's Way, Gloucester.

JUNIOR; part-time Student; Manchester or near. Apply 253/29, Office of this Paper.

LADY Dispenser (Hall) desires post with Chemist, Doctor, or Hospital; some experience; Eastern Counties preferred. W. Cutting, Abbot's Hall, Pettaugh, Stowmarket.

LADY Dispenser-Bookkeeper desires re-engagement with Doctor (February); experienced; good references; Hall certificate; South preferred. C., 73 Heathcote Street, Hanley, Stoke-on-Trent.

LADY, Hall qualification, Dispensing experience, desires post in Retail Pharmacy for Counter, Dispensing; London, S.E. or W. 13 Northampton Road, Croydon.

LEEDS.—Experienced Assistant, 24. Dispensing, Counter, Photographics, requires part-time post; mornings only. Kindly write, "K.A.F.," 20 Well Close Mount, Leeds.

LOCUM; tall, 46; disengaged. Howes, 15 Hexthorpe Road, Doucaster.

LOCUM (temporary Manager); 53. qualified; country; disengaged until March; first-class experience and references; Photography, Optics; energetic. Dewey, 4 Montague Gardens, Wallington, Surrey.

LOCUM, qualified, open engagements early January; just disposed of own business; would manage country, seaside, with view to purchase. "Thymol," 42 Monton Street, Moss Side, Manchester.

LOCUM; Retail and Dispensing; experienced; or permanency. S., 19 Rockmount Road, S.E. 19.

LOCUM; London or provincial; wide experience; highest references; well recommended. "Beta," 74 West Hill, East Putney, London, S.W. 15.

MANAGER, qualified, view succession, or would buy. P. C. B. 17/31, Office of this Paper.

MANAGER or Assistant; unqualified; good experience; married. H. E. Fisher, 133 Brockley Rise, Forest Hill, S.E. 23.

MANAGER or Locum; Minor; accustomed to good-class Retail and Dispensing, Photography; disengaged; London or country; country permanency desired; references; age 54. Smith, 48 Westbury Road, Forest Gate, E. 7.

MANCHESTER OR DISTRICT.—Assistant (25) desires position within reach of Pharmacy School; good references; good dispensing experience. Apply 243/15, Office of this Paper.

NURSE-DISPENSER (Hall) seeks post; S.W. district preferred; Hospital experience; live out. Reply 251/4, Office of this Paper.

PART-TIME Student requires six hours' work a day with good Dispensing Chemist; London preferred, but not essential; three years' experience. Salary to "Genuine," 192 High Street, Romerton, London, E. 9.

PHARMACIST desires engagement, Senior or Manager; age 35; 5½ years last place; 20 years' experience. Melior, 79 Uppingham Road, Leicester.

QUALIFIED requires situation as Manager or Senior; London preferred; excellent reference; disengaged January. Apply 9/29, Office of this Paper.

QUALIFIED Manager or Locum, 25 years' experience, requires permanency; town or country; disengaged; married. State salary to "M. D.," 26 Fox Hill, S.E. 19.

QUALIFIED, 31, disengaged; good London and provincial experience; London preferred. Taylor, 40 High Street, Newport Pagnell.

QUALIFIED, 30, married, requires situation early in January; London only, West-End; Dispenser and Counterman; speaks Spanish; tall, smart appearance; demobilised. "M.," 48 Doverfield Road, Brixton, S.W. 2.

QUALIFIED, 25, disengaged; Dispensing and Counter George, c/o Phillips, Chemist, Knighton, Radnor.

RELIABLE, capable man desires situation as Manager of Drug Stores; active; good Counterman, Prescriber, Window dresser, Extractor; references; 5 ft. 10 in., married; unqualified. 65 Maydwell Street, Cumberwell.

SMART, good appearance, all-round experience, some Extracting unqualified; age 30; sound references. Apply, stating salary offered, "Telli," c/o 179 Skidmore Street, Mile End London, E.

SMART unqualified Assistant Prescriber; Painless Operator. Impressions; disengaged; references. 253/17, Office of this Paper.

QUALIFIED; 33; good experience; at liberty January 5th; kindly state salary offered. Apply 249/23, Office of this Paper.

QUALIFIED, 26, single, 9 years' experience high-class Dispensing, Counter, and Extracting, desires post with Chemist Dispenser to Doctor; at liberty January 4. Apply 252/17, of this Paper.

QUALIFIED (32) desires change; free January 1; 5 years present situation; energetic; not afraid of work; used to Counter trade; excellent Window-dresser, Photographics; managed Drug Stores; London or suburbs. 253/12, Office of this Paper.

UNG lady seeks engagement in West Somerset or Devon as Chemist's Assistant or Doctor's Dispenser; age 24; five experience; well recommended. Apply "Aspirin" (251/17), of this Paper.

WHOLESALE.

is, for 12 words or less : 6d. for every 10 words or less beyond, prepaid.

SISTANT in Galenical Laboratory or works; capable of taking charge; seven years' excellent manufacturing experience in old-established concern. "A. Z." (249/14), Office of this Paper.

BIRMINGHAM OR DISTRICT.—Assistant, 25, unqualified. Retail experience, desires berth in Wholesale house, with posts as Representative preferred. Address 241/19, Office of this Paper.

CHEMIST (42), for many years in own business, wishes berth in Wholesale house where faithful and conscientious service would be appreciated; North of England or Scotland preferred; references from Wholesale or Banker can be given. Apply, stating terms and prospects, to "Dependable" (245/3), Office of this Paper.

CHARGED soldier seeks situation as Tablet Maker; experienced; moderate wage. Please apply P. C. B. 16/29, of this Paper. Will advertiser kindly send his name and as to this Office.

EXPERIENCED Representative; high-class connection; N.W. V. and S. Wales, Midlands, Dublin, etc. "Ph.C.," 22 Cotton Moseley, Birmingham.

NTLEMAN desires post with speciality house; callings on Doctors, etc. Apply P. C. B. 17/11, Office of this Paper.

ORATORY Chemist, exceptional references, seeks position with Wholesale firm; Manufacture and Standardisation of Preparations, Tablets, Packed Specialities, Proprieties; d. "Opus" (128/58), Office of this Paper.

REPRESENTATIVE, 12 years' experience, covering Yorkshire, desires representation for good-class house; General, Wholesale Druggist Sundriesmen; district desired Lancashire and Ireland; capable, keen, energetic, tactful, and smart Salesman; expenses, and commission. Apply 251/20, Office of this Paper.

REPRESENTATIVE open in New Year to carry lines for Wholesale Drug house, packed proprietaries, etc., or would represent side-line, house with well-known patents on the market; whole of the British Isles; at present carrying Opticians' instruments only; qualified; 12 years' experience Retail Drug commission and part expenses or commission only; please state terms first letter. Apply 241/27, Office of this Paper.

ONG man, just demobbed, seeks situation; thoroughly experienced Analyst, manufacturing control of labour, office; can start immediately; moderate salary. Apply 228/1, of this Paper.

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Shares Wanted (subject).—Camwal and Idris shares.

Lots divided. Every effort made to effect business for Buyers and Sellers in all Stocks and Shares. Bankers, London County and Westminster.

CLEARANCE.—Metal Screw Cap Pomades, 1½-oz., 40 gross; 25s. 6d. per gross f.o.r. London. "F. S. D." 27 Horsell Road, Highbury, N.

DRUG Fittings, Walleases, Dispensing Screens, Counters, and Showcases; various sizes. Philip Josephs & Sons Ltd., 93 Old Street, London, E.C. 1.

FOR Disposal, 6 x 40 gall. Casks Genuine Refined Cottonseed Oil; what offers, whole or part? H. Dyson, Druggist, Market Place, Ilkerton.

FORMIC ACID.—Offer wanted for four barrels left over from Government contract. Apply 253/20, Office of this Paper.

SECOND-HAND CHEMISTS' FITTINGS.—We have an exceptionally fine selection of these in all sizes; prices are right, and goods are in first-class condition; we shall be pleased to supply particulars and prices. Call or write, RUDDUCK & CO., 262 Old Street, London, E.O.

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I HAVE in stock and can give prompt delivery. Pale Green Dispe sing Flats, 2 oz. @ 24/-; 3 and 4-oz. @ 27/-; 6 and 8-oz. @ 32/-; White Flint Vials, ½ oz. @ 17/-; 1-oz. @ 18/6; Dark Blue Hexagon Poisons, 4-oz. @ 29/-; 6-oz. @ 32/-; 2½ oz. Kay's Cough Panels, @ 26/- . Pri es quoted per gross. 12-gross lots carriage paid England and Wales.

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WANTED.

VALERIAN, 1 cwt. or less, English dried root. Cripps, Manufacturing Pharmacists, Hove.
DATURINE Sulphate, two grammes, for cash. "A. B." (P. C. B. 17/300), Office of this Paper.
WANTED, Formaldehyde, 40%. Offers to W. Finlayson, Chemist, 141 High Street, Stockton-on-Tees.
OPTICAL Trial Case wanted immediately. Particulars and price, apply 251/39, Office of this Paper.
WANTED, Gelatine-coating Machine immediately. Apply P. C. B. 16/30, Office of this Paper.
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